

Program – September 2021

XXII World Congress on Safety and Health at Work
September 20-23, 2021

Prevention in the Connected Age

Global solutions to achieve safe and healthy work for all



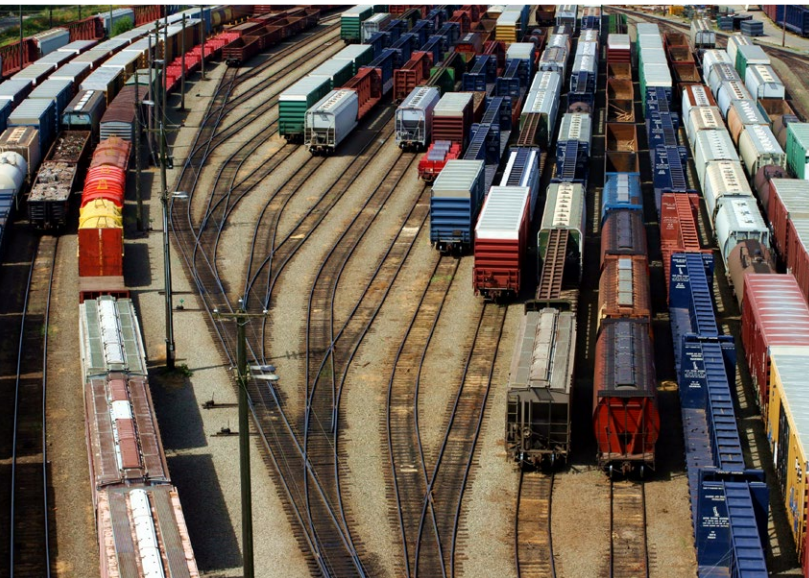


Innovation



Table of Contents

5	Invitations
8	A New Way to Convene and Connect
9	Digital Experience Braindates
10	Organizers Participants Congress Languages Fellowship Program
11	Congress Theme
12	Main Topics
13	Key Event Formats
16	Connection Hall
18	Keynote Speakers
24	Entertainment
26	Schedule
	Day 1
27	Schedule Overview
29	Schedule Details
	Day 2
36	Schedule Overview
38	Schedule Details
	Day 3
44	Schedule Overview
46	Schedule Details
	Day 4
52	Schedule Overview
53	Schedule Details
55	Exhibitor Listing Product Theatre
56	Poster Presentations
83	International Media Festival for Prevention List of Contributors
93	Speakers, Poster Presenters
109	Registration and Fees
111	The Organizers
114	International Organizing Committee
119	Sponsors
122	List of Abbreviations



**Connected
Age**



Invitation from your Canadian Co-Hosts

As leaders of the Canada host organizations, it is our pleasure to welcome you to the XXII World Congress on Safety and Health at Work, September 20–23, 2021.

The Institute for Work & Health (IWH) and the Canadian Centre for Occupational Health and Safety (CCOHS) are proud to have been selected to co-host this important global event. Together with the International Social Security Association (ISSA) and the International Labour Organization (ILO), we look forward to your participation in an innovative and stimulating program that will highlight developments and trends in safety and health at work.

Amidst the ongoing COVID-19 pandemic, there has never been a greater need for an international forum on occupational safety and health like the World Congress. This pandemic has brought forth new challenges, new opportunities for growth, and new conversations surrounding prevention around the globe. This new perspective will not only enhance the sessions, speakers, and discussions at the World Congress, but will ground them in their real-world applications.

The motto for the XXII World Congress is *Prevention in the connected age: global solutions to achieve safe and healthy work for all*. As the world grows ever more connected by information and communication technology, there are both challenges and opportunities to strengthen the global effort to protect the health and safety of workers. The Congress program will explore innovations in addressing longstanding safety and health challenges and will consider the implications of the changing world of work for workers, employers, regulators, researchers, and OSH professionals. And the Congress will emphasize the potential of strong cultures of prevention to advance the global movement to eliminate the causes of work-related injury and illness.

Rising to the challenge of achieving safe and healthy work for all will call for creative and courageous efforts. The Congress will serve as a meeting place for experts and decision-makers from all over the world to exchange views and experiences, best-practice examples and recent findings. The Congress will provide opportunities for participants to exchange knowledge, make connections and establish new acquaintances and future collaborators. We will consider the Congress to be a great success if every delegate gains renewed energy and new ideas for practical approaches and effective solutions.

We look forward to welcoming you to a successful World Congress in September 2021.

Dr. Cameron Mustard
President, International Organizing Committee
XXII World Congress on Safety and Health at Work
President & Senior Scientist, Institute for Work & Health

Anne Tennier
President, Canadian Centre for Occupational Health & Safety



Invitation from the Director-General of the International Labour Organization (ILO)

It is my pleasure to invite government officials, safety and health professionals, employers, workers, academics and experts from the field of occupational safety and health (OSH) to take part in the XXII World Congress on Safety and Health at Work.

In the light of the COVID-19 crisis that we all face, it is more urgent and important than ever that we convene and discuss the urgent and critical issues that this crisis has created.

This Congress is co-organized by the International Labour Organisation, the Canadian Institute for Work & Health, the Canadian Centre for Occupational Health and Safety, and the International Social Security Association. Its theme, "Prevention in the Connected Age", reflects what is the new reality for many of us – relying on connectivity to work and sustain our enterprises while preventing the spread of COVID-19. It also reflects the mandate of the ILO, to protect workers against known and emerging safety and health risks and to prevent work-related disease and injury.

The ILO Centenary Declaration for the Future of Work, adopted in June 2019, declared that, "safe and healthy working conditions are fundamental to decent work". This is even more significant today because ensuring a culture of prevention for safety and health culture is indispensable to the management of the pandemic, the ability to resume work safety and build back to a better future.

At the 21st World Congress on Safety and Health at Work, in Singapore in 2017, I committed the ILO to work with Finland and other partners to develop a global coalition to address those safety and health challenges that could benefit from a collective approach. The United Nations Sustainable Development Goals are one obvious example, particularly Goals 3.9 and 8.8.

That coalition was launched in November 2019 and you can learn more about it during the Congress.

You can also find out more about *Safety + Health for All*, an ILO flagship programme that includes the Vision Zero Fund, and which offers a set of tailored interventions to address safety and health needs created by COVID-19 and other emerging OSH-related risks.

Working together we can improve progress towards building a global culture of prevention. I hope you will take part in the Congress and contribute your knowledge, experience, ideas and enthusiasm so that we can ensure that women and men everywhere can work in safety.

A handwritten signature in black ink, reading "Guy Ryder". The signature is stylized with a large "G" and "R".

Guy Ryder
Director-General
International Labour Organization



Invitation from the President of the International Social Security Association (ISSA)

The International Social Security Association (ISSA) is proud to be an organizer of the World Congress on Safety and Health at Work. Since its beginning in 1954, the World Congress is the main, global event on prevention for organisations, companies, policy-makers and occupational safety and health experts.

Over the past 6 decades, we have seen tremendous changes in the world of prevention. One of the most important paradigm shifts has been the decision of many social security institutions to move away from only compensating occupational accidents and diseases towards developing viable prevention strategies. These strategies support the insured workers and employers in their efforts to be productive while operating in a safe and healthy working environment.

In order for these prevention strategies to be effective, they must also take into account the latest, emerging trends; the most recent ones being the digital economy and the role that prevention can play in the future world of work. The theme of the XXII World Congress – Prevention in the Connected Age – therefore reflects perfectly the new demands that workplaces and workers have to ensure their health, safety, wellbeing and their productivity.

Connectivity has become an enabler for a variety of work-related processes and mechanisms. It ensures a proper flow of information, often simplifies complicated work-processes, but has also increased our expectations of deliverables and the speed with which we operate. Furthermore, the digitalisation of our economies has created new forms of work. Platform workers are just one example for a group of workers who risk falling through the cracks by being deprived of social protection standards and a functioning occupational safety and health system. This calls for new strategies to protect these workers and ensure the role of government and social security services.

With its Vision Zero Programme, the ISSA responds to the requirements of effective prevention measures in the new world of work and connectivity by offering a flexible concept, which can be tailored to the needs of any enterprise or industry in every region of the world. This Vision Zero strategy aims at raising awareness of the importance of workplace participation and leadership commitment to excellence in prevention. Since the Global Vision Zero Campaign Launch during the XXI World Congress, over 15,000 enterprises, organizations and OSH trainers have signed up to the campaign. We have seen regional launches of the strategy for Asia, Europe, South and North America and recently in Africa. We hope that the XXII Congress will take this approach a step further and make use of our connected world to generate a paradigm shift so that one day, a worldwide culture of prevention and a world without any fatal occupational accidents and diseases becomes a reality.

The Congress is being put together with the Institute for Work & Health (IWH) and the Canadian Centre for Occupational Health & Safety (CCOHS), and our Co-organising Partner, the International Labour Organization (ILO).

Together with our partners, we want to offer a unique experience at the conference – ranging from cutting edge knowledge in prevention of occupational diseases to the latest technology which helps to predict accidents before they actually happen, based on big data and algorithms. Prevention must always come first, and there is a huge potential to make use of the new technologies to improve occupational safety and health in a connected, digital world of work.

The ISSA promotes the values of prevention through its powerful set of tools, such as the Guidelines on Prevention, courses in its Centre for Excellence, various diploma programmes and workshops. With these instruments and its unique network of Prevention Sections, the ISSA supports improvements in the area of OSH and return to work by offering easy-to-implement solutions.

We look forward to welcoming you to an exciting World Congress

A handwritten signature in black ink, appearing to read 'J. Breuer'.

Dr. Joachim Breuer
President, International Social Security Association (ISSA)



The XXII World Congress on Safety and Health at Work

safety2021canada.com
[@WorldCongressCA](https://twitter.com/WorldCongressCA)

A New Way to Convene and Connect

The World Congress is a vibrant and interactive opportunity for the global prevention community to connect with ideas, people, knowledge, and creative solutions on occupational safety and health. For the first time in its history, the Congress is a virtual online event with programming across time zones. In the past year, safety and health at work has become the critical issue worldwide. It is against this backdrop that the global prevention community is convening from September 20-23, 2021.

Canada is proud to host this global meeting at a critical time. As it has done in the past, the Congress:

- Provides a forum for exchange of knowledge, practices and experience in order to promote safe and healthy work for all.
- Strengthens connections, networks and alliances while laying the groundwork for cooperation and strengthening relationships among all concerned.
- Provides a platform for knowledge, innovation, and strategic and practical ideas that can be immediately put into use.



Digital Experience

The program elements of the World Congress explore the importance of occupational safety and health through technical sessions, symposia, keynote speakers, the International Media Festival for Prevention, and much more.



Premium Digital Content & Access

With digital access to over 30 sessions with over 200 experts from around the world, keynote speakers, a special media session and showcase, virtual posters, the International Health and Safety Exhibition, and dynamic opening and closing sessions, the World Congress is the premium event in the global prevention calendar. You won't miss a thing with 24 hour access, programming across time zones, an on-demand library, and the opportunity to continue to view sessions until October 25, 2021.



Early Access & Curated Journeys

There will be a lot to do, so you will be able to build an experience and personalized agenda guided by your interests. The platform will open the week before the Congress so you can become familiar, explore, build your profile and agenda, and get ready for the Congress. Having trouble? During the Congress, live concierge service is available to troubleshoot any technical issues.



Global Networking & Braindates

One of the strengths of the Congress is the opportunity for global networking. Through the Congress platform, you will be able to easily connect with colleagues from around the world.

New to the Congress, Braindates are dynamic conversations between individuals or small groups that delegates will be able to book through the Congress event platform. Delegates post the topics they wish to discuss on the "Topic Market", an online page that allows everyone to browse and choose braindates of interest. From there, you can instantly join an ongoing group braindate, or schedule a time to meet one-on-one. Then, when it's time for the braindate, you can easily join via video call right from the World Congress virtual platform.

A braindate is a great way to meet people and explore topics that interest you!

Organizers

International Labour Organization (ILO)
International Social Security Association (ISSA)
The Institute for Work & Health (IWH)
Canadian Centre for Occupational Health and Safety (CCOHS)

Participants

The World Congress attracts the global workplace prevention community including:

- High-level government officials and decision-makers in the public and private sectors, labour leaders, and CEOs
- Occupational safety & health professionals such as safety engineers, safety technicians, occupational hygienists and scientists
- Occupational physicians and others dealing with occupational medicine
- Regulators, labour inspectors, and safety and health inspectors
- Trade unions, workers and their representatives and social security institutions
- Communicators, filmmakers and journalists
- Researchers, instructors, trainers and teachers in the field of OSH education and skills development
- Employers and their organizations
- Public and private OSH organisations and professional associations
- Manufacturers, suppliers and importers of safety materials and safety equipment

Congress Languages

The official languages of the Congress are English, French, Spanish and German. There will be simultaneous translation in these four languages during the opening and closing sessions, plenary, and technical sessions.

Fellowship Program

The Fellowship Program is an important element of the World Congress, which enables individuals from low and lower-middle income economies to participate in the Congress and supports the global exchange of knowledge and practices on safety and health. The program also strengthens the capacity of fellows to improve OSH conditions in their communities by providing knowledge, strategic and practical ideas that they can use in their own work. The XXII World Congress received a record number of applications for the Fellowship Program, and with support from Employment and Social Development Canada, we are able to support more than 225 fellows from over 50 countries, bringing rich and diverse experiences to the Congress



Congress Theme

Prevention in the Connected Age

Global solutions to achieve safe and healthy work for all

The world today is highly connected. This connectivity has been enabled and accelerated through mechanisms such as global supply chains and technology allowing for the rapid exchange of data, knowledge, processes and practices that create challenges and opportunities for protecting the safety and health of workers.

The Challenges include governance and regulation, the roles and responsibilities of workers, employers, designers, suppliers, importers and a growing number of other actors, to “systems-based” approaches to prevention, and emerging work-related hazards, risks and new forms of work organization.

The Opportunities include opportunities for greater collaboration bringing together diverse groups of actors to share knowledge, drive innovation and engage in collective action on global solutions to what are now global challenges.

The World Congress is a crucial global forum to explore the implications of these rapid changes and to build a world-wide vision and community for sustainable prevention.

Main Topics

The Congress Program is dynamic and interactive, showcasing experts, thought leaders and innovators.

1. Innovations in Addressing Longstanding Safety and Health Challenges

While significant progress has been made to reduce the incidence of work-related injury and disease, traditional hazards in high-risk sectors continue to exist. In addition, workers, including new and young workers continue to be at greater risk. Identifying innovations in tackling such longstanding challenges in workers' health protection will be a focus of the World Congress. The Congress will present key advances in protecting workers in highly hazardous occupations and industries around the globe and include strategies for safely integrating young and new workers into the workplace.

2. Implications of the Changing World of Work for Occupational Safety and Health

Digitalisation, globalisation, demographic change and the increasing flexibility of work are trends that are currently shaping the world of work. This has brought new forms of work and work organization, and new challenges and opportunities for prevention. The Congress will consider the implications of the changing world of work for workers, employers, policy-makers and regulators, researchers, and OHS professionals. It will explore the opportunities to take action on what are now global challenges.

3. Advancing a Culture of Prevention

The global movement to embrace a mindset that all injuries and ill-health arising from work are preventable requires a paradigm and culture shift across all aspects of working life. Injuries at work and occupational diseases are neither predetermined nor unavoidable – they always have causes. By building a strong prevention culture, these causes can be eliminated and work related physical and mental harm and occupational diseases can be prevented.

Key Event Formats

Opening Session

The Opening Session of the Congress takes place on September 20. You can look forward to a very special event as we officially open the XXII World Congress on Safety and Health at Work. Your Congress hosts, along with international speakers and dignitaries, will welcome you to the first ever virtual World Congress. The Opening Session will feature a Leaders Roundtable on "Prevention in the Connected Age: The State of OSH Today", as well as a stimulating interview on the power of storytelling with Mr. Cameron Bailey, Artistic Director and Co-Head, Toronto International Film Festival and recent inductee to the Oscars Academy.

Hosted by Canadian TV presenter Ms. Lois Lee, the Opening Session will be delivered with Canadian flair. You will enjoy the sounds of Canada beginning with a musical performance by La fanfare de l'Île, a brass band from Montreal, along with avant-garde talent.

Come and meet your fellow Congress delegates as we kick off the first exciting day filled with international speakers, live discussions, braindates, poster presentations, exhibitors, and more.

[See page 27](#)

Closing Session

The Closing Session takes place on September 23. After four days of enriching conversation, networking, and mingling with like-minded peers around the world, you will experience the highlights of the XXII World Congress, along with a few final surprises. The Congress will close with a handover to the Organizers of the XXIII World Congress on Safety and Health at Work.

[See page 52](#)

Technical Sessions

Thought leaders offer their perspectives on the leading OSH issues of today through six vibrant and engaging 90-minute technical sessions. You won't want to miss these flagship sessions, or the opportunity to continue the conversations with the speakers through one-on-one and group braindates.

[See pages 29, 38, 46](#)

Symposia and Conversation Cafés

Highly qualified presenters from all over the world will share their insights and expertise during the Symposia. Then, immediately following each Symposia broadcast, the speakers will be live in Conversation Cafés to continue the discussion. Information about how to join the Conversation Café will be available during the Symposia, so be sure to tune in.

[See pages 32, 40, 48](#)



International Media Festival for Prevention

Since 1990 the International Media Festival for Prevention has been an integral part of the World Congress on Safety & Health at Work. It is jointly organized by the ISSA Electricity and Information Sections. The Media Festival offers an overview of films and multimedia productions about safety and health at work from all over the world and provides an opportunity for participants to present their products to a major group of influential international safety and health professionals. The Media Festival seeks to demonstrate that successful prevention work requires good communication, to which outstanding media can contribute significantly.



This year the IMFP received a record number of 289 submitted entries. The IMFP Jury chose 48 shortlisted entries and from these, they have chosen 18 entries that have been nominated for a prize. The six winners will be awarded during the Special Media Session on September 22, 2021. Also, a special viewing of the 18 nominated entries will take place at the IMFP Watch Party on September 21, 2021.

The 48 shortlisted productions will be available to be viewed on-demand on the IMFP Viewing Room throughout the entirety of the Congress. Also, attendees will have the chance to give their favorite shortlisted entry a "star."

All entries are available at mediainprevention.org.

Follow the Media Festival on [Twitter](#) and [Instagram](#) @IMFP2021 and stay connected using #IMFP2021.

[See page 39](#)



Youth Spotlight

Building on the SafeYouth@Work Congress held in Singapore in 2017, the Youth Spotlight is a lively, interactive session designed to spur global action to improve OSH for young workers. This session will bring together youth champions around the world, policy makers and experts to reflect on how to engage youth into prevention and to integrate their voice and vision in building back better. It will also explore young workers' expectations from institutional partners to continue supporting them in promoting OSH.

The Youth Spotlight is also closely connected with other program elements including the International Media Festival for Prevention, Braindates and keynote speeches where OSH for young workers will be highlighted, discussed and advanced.

[See page 48](#)



Protecting the health and safety of essential workers in emergencies: lessons learned from the COVID-19 pandemic

During COVID-19 many workers around the world have continued working to ensure the continuity of critical functions, including in health care and emergency response, public sector services, construction and manufacturing. This session takes a focused look at how, as a global prevention community, we can come together to learn the lessons of COVID-19 and take action to protect the health and safety of essential workers in the future.

[See page 53](#)

Global Forum for Work Injury Insurance

The Global Forum for Work Injury Insurance provides a platform for representatives of occupational accident insurance or workers' compensation schemes to discuss a number of global challenges that occupational accident insurance systems are facing today, such as the impact of technological progress in the areas of prevention and rehabilitation. This platform will open the opportunity to exchange information, to present good practice approaches and to formulate joint positions.

In Europe, Asia and North America there are already regular meetings and conferences at the regional level that have begun to link with each other. Complementing the activities of ISSA Technical Commission on Insurance against Employment Accidents and Occupational Diseases and the Special Commission on Prevention, this integrated platform provides an added global value for occupational accident insurance systems.

The Global Forum is accessible for regional accident insurances associations and fora, international bodies and ISSA member institutions.

[See page 53](#)

Connection Hall

The Congress schedule includes dedicated time for delegates to explore all that the Congress has to offer. Visit the International Safety and Health Exhibition, check out the host booths, view some of the 400+ poster presentations, and book a Braindate to do some networking.

International Safety and Health Exhibition

The International Safety and Health Virtual Exhibition features exhibitors showcasing their latest products, innovations and developments in safety and health. There are opportunities for delegates and exhibitors to actively engage with an expanded global network through an interactive platform. The Exhibition is open for the duration of the Congress. The Exhibition also features a Product Theatre in which select exhibitors provide a focused, 15-minute session about their organization.

[See page 55](#)

Poster Presentations

The Congress features a virtual Poster Exhibition where you can explore over 400 posters relating to the topics addressed by the Congress Symposia. In addition to the traditional poster format, some presenters have also provided video narrations. You will also be able to interact live with poster presenters from over 50 countries during dedicated Connection Hall time, through networking and braindates. Poster Awards will be handed out during the Congress.

[See page 56](#)



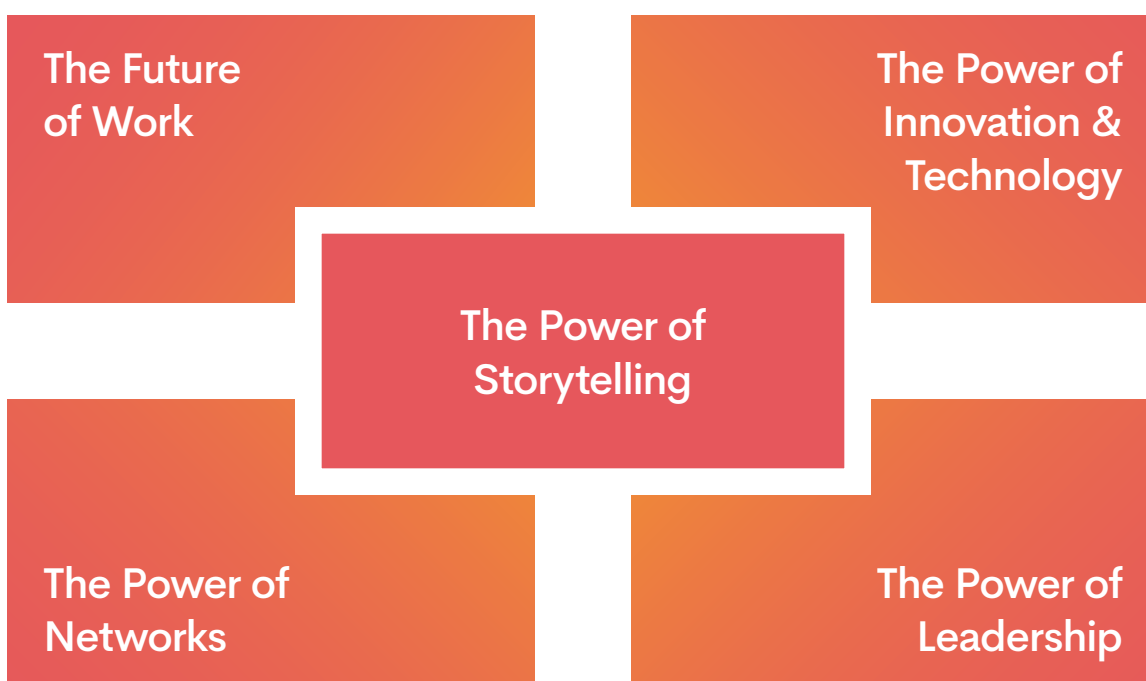


Keynote Speakers

Today, the world of work is highly connected through mechanisms such as global supply chains and technology allowing for the rapid exchange of data, knowledge, processes and practices that create challenges and opportunities for protecting the safety and health of workers.

The World Congress keynote speakers touch on four dimensions of these challenges and opportunities to innovate in the prevention of work-related injury and illness, with the goal of achieving safe and healthy work for all.

The World Congress is also a unique opportunity for the global prevention community to gather and learn from each other. Our opening speaker reflects on the power of storytelling, the opportunity to find common ground, connect on an emotional level, and share ideas and knowledge.





Opening Speaker **The Power of Storytelling**

Mr. Cameron Bailey

Artistic Director and Co-Head, Toronto International Film Festival

Few people understand the importance of the arts and cultural sector better than Cameron Bailey. The artistic director and co-head of one of the world's biggest and most important film festivals, he is responsible for the Toronto International Film Festival's (TIFF) programming and curatorial vision, as well as maintaining relationships with the Canadian and international film industries. Bailey brings a comprehensive wealth of experience to his position, and under his lead the festival continues to grow in size and significance every year.

Before assuming his current role at TIFF, Bailey worked as a Festival programmer for 11 years. In addition, he has programmed and hosted TIFF's highly successful subscription series "Reel Talk"; headed its "Perspective Canada" series; and founded its "Planet Africa" section. Prior to joining TIFF, Bailey curated films for Cinematheque Ontario, The National Gallery of Canada, The National Film Board of Canada, and Australia's Sydney International Film Festival.

A former film critic, Bailey reviewed films for NOW Magazine, CBC Radio One and CTV's Canada AM; presented international cinema on The Showcase Revue; and produced and hosted the interview program Filmmaker. He has been published in The Globe and Mail, The Village Voice, CineAction!, and Screen, among others.

Bailey has taught film curation at the University of Toronto, and holds an honorary doctorate from Western University. He is a Chevalier in France's Order of Arts and Letters. For eight consecutive years (2012–2019), Toronto Life magazine has named him one of "Toronto's 50 Most Influential People."



Keynote Speaker

The Power of Technology in the Future Workplace

Dr. John Howard

Director of the National Institute for Occupational Safety and Health,
Center for Disease Control and Prevention, USA

Administrator of the World Trade Center Health Program,
U.S. Department of Health and Human Services

John Howard is the Director of the National Institute for Occupational Safety and Health, and the Administrator of the World Trade Center Health Program in the U.S. Department of Health and Human Services.

Dr. Howard was first appointed NIOSH Director in 2002 during the George W. Bush Administration and served in that position until 2008.

In 2009, Dr. Howard worked as a consultant with the US-Afghanistan Health Initiative. In September of 2009, Dr. Howard was again appointed NIOSH Director, and was reappointed for a third six-year term in 2015.

Prior to his appointments as NIOSH Director and WTC Health Program Administrator, Dr. Howard served as Chief of the Division of Occupational Safety and Health in the State of California's Labor and Workforce Development Agency from 1991 through 2002.

Dr. Howard earned a Doctor of Medicine from Loyola University of Chicago; a Master of Public Health from the Harvard University School of Public Health; a Doctor of Law from the University of California at Los Angeles; and a Master of Law in Administrative Law and Economic Regulation, and a Master of Business Administration in Healthcare Management, both degrees from The George Washington University in Washington, D.C.

Dr. Howard is board-certified in internal medicine and occupational medicine. He is admitted to the practice of medicine and law in the State of California and in the District of Columbia, and he is a member U.S. Supreme Court bar. He has written numerous articles on occupational health, policy and law.





Keynote Speaker

The Power of Leadership

Dr. Elizabeth Nkumbula

Founder and Chairperson, ENVIS Consulting Limited, Zambia

Dr. Nkumbula is Founder and Chairperson of ENVIS Consulting Limited with over 30 years' experience in corporate finance and corporate governance. She is an accomplished executive leader with working experience in the financial and social security sector. She has previously held the position of Commissioner/ Chief Executive Officer at Workers Compensation Fund Control Board where she was appointed as the first female into the role by the President of the Republic of Zambia, His Excellency, Michael Chilufya Sata.

She held various key strategic senior management positions in the Zambia National Building Society that included Director Banking Operations and later joined the Pan African Building Society as Managing Director.

Dr. Nkumbula is Board Chairperson of Zambia International Trade Fair, and Mukuba Hotel Limited. She serves as a Board member of a number of local and international institutions including ZAFFICO Plc. She served as Board Chairperson at Mukuba Pension Trust and National Vocational Training Centre.

Dr. Nkumbula successfully set in motion the National Launch of International Social Security Association Vision Zero Global Campaign in Zambia in 2018.

She holds a Doctor of Philosophy (PhD) in Business Administration and a Master's Degree in Business Administration both majoring in Finance.

She served as the first Zambian female President of the Agricultural and Commercial Society of Zambia and also as the Deputy President of the Royal Agricultural Society of the Commonwealth in United Kingdom. She was recently appointed as Zambian Ambassador for Patient Safety Movement Foundation, USA.



Keynote Speaker For the Brighter Future of Work

Prof. Atsushi Seike

President, The Promotion and Mutual Aid Corporation for Private Schools of Japan

Professor Atsushi Seike is currently President of the Promotion and Mutual Aid Corporation for Private Schools of Japan. After serving two consecutive terms as the President of Keio University, he took up the role of Executive Advisor for Academic Affairs in May 2017. He received his Ph.D. in Labor Economics from Keio University and became Associate Professor at Keio's Faculty of Business and Commerce in 1985, Professor in 1992, Dean from 2007–2009, and President from 2009–2017. He was a Visiting Scholar at the Department of Economics, University of California, Los Angeles, a consultant at the RAND Corporation, and an Edwin O. Reischauer Visiting Professor of Japanese Studies at Harvard University.

His roles in government committees include Chairman of the Council for the Promotion of Social Security System Reform, Cabinet Secretariat, Honorary President of the Economic and Social Research Institute, Cabinet Office, and Chairman of the Manufacturing Industry Committee of the Industrial Structure Council, Ministry of Economy, Trade and Industry. He is also serving as President of the Japan National Council of Social Welfare. He was the President of the Japan Society of Human Resource Management and the President of the Japan Association of Private Universities and Colleges. He has also served as a member of the Global University Leaders Forum (GULF) and Global Agenda Council on Ageing, both at the World Economic Forum and a member of the ILO Global Commission on the Future of Work.

He was awarded Honorary Doctorates from École Centrale de Nantes in 2012 and Yonsei University in 2015 and the title of Chevalier of the Ordre National de la Légion d'Honneur of France in 2016.

A labor economist, he has authored many articles and books and received numerous academic prizes for his publications, including the 48th Nikkei Prize for Excellent Books in Economic Science in 2005.



Keynote Speaker

The Power of Networking to Fuel Innovation and Access

Ms. Maayan Ziv

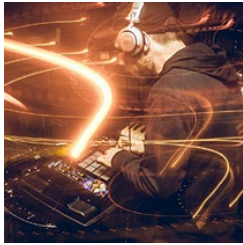
CEO & Founder, AccessNow

Maayan Ziv is an activist, photographer and entrepreneur. In 2015, she launched AccessNow, a mobile app and website that collects and shares information about the accessibility status of places worldwide. What began as a response to her frustration when trying to navigate inaccessible places, AccessNow soon grew to become a mission-oriented social start-up. Within just a couple years AccessNow has vocalized a movement for inclusion, inviting people of all abilities to contribute to the platform. As CEO of AccessNow, Maayan has created a powerful shift in thinking about the importance of accessibility in our world, from accessible technologies to infrastructure, public policy, media and communications. To date AccessNow has shared accessibility information in over 35 countries.

An influential public speaker who is often in the media, Maayan collaborates with private sector companies as well as government and not-for-profit organizations. She inspires leaders dedicated to raising the profile of accessibility for all.

Entertainment

Performances at the Congress will showcase four artists in their home cities: a young dynamic DJ spinning his music in the middle of Montréal, Québec; a lyrical dancer in front of the Toronto, Ontario skyline; a contemporary dancer in the colourful streets of St John's, Newfoundland; and a hoop dancer in the Qu'Appelle Valley, Saskatchewan.



Xavier Gauthier, aka DJ Tehu

Montréal, Québec

DJ Tehu has a reputation for originality, with a performance/musical improvisation formula combining Funk, trip hop, jazz and electronic Atmospheres. As a multi-instrumentalist solo artist, he has made a place for himself in the Canadian Music scene.



Joey Arrigo, Lyrical Dancer

Toronto, Ontario

Joey Arrigo is a dancer, teacher and choreographer from Toronto. Joey was last seen as the principal character in the Cirque du Soleil show "Volta". He has been working on multiple TV productions throughout his career.



Hannah Drover, Contemporary Dance

St John's, Newfoundland

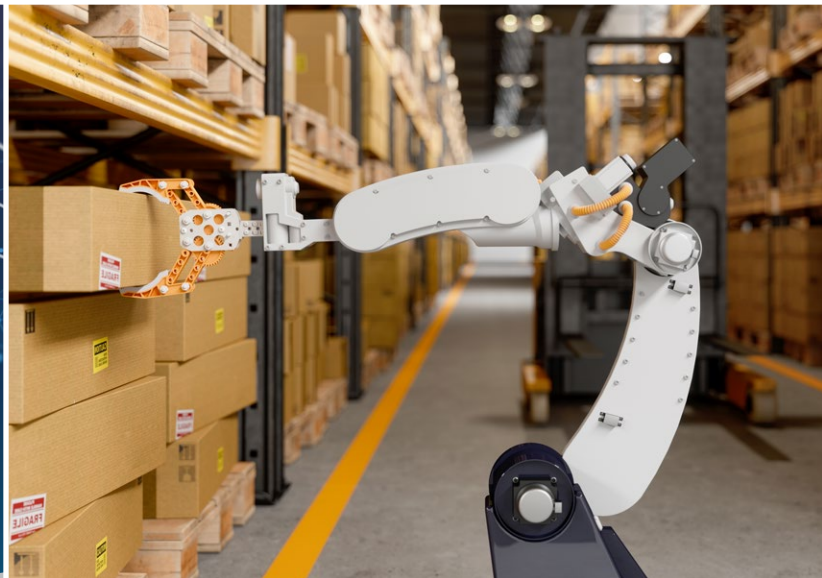
Hannah Drover is a contemporary dancer and choreographer who is currently dancing as a soloist with the Kittiwake Dance Theatre in St John's, Newfoundland.



Terrance Littlelent, Hoop Dance

Qu'appelle Valley, Saskatchewan

Terrance is from the Kawacatoose Cree Nation and born in Regina, Saskatchewan. Much of his traditional teachings were inherited through his family and elders, singers and dancers, storytellers and academics. Terrance is an accomplished Grass and Hoop Dancer who has travelled across Canada, the United States, and overseas, sharing his gift of song, dance, and narrative.



Schedule

			Mon, Sept 20	Tue, Sept 21	Wed, Sept 22	Thu, Sept 23
			All Day	International Safety and Health Exhibition International Media Festival for Prevention Viewing Room	Braindates Posters	Video on Demand
AEST	CEST	EDT				
22:00	14:00	08:00		Connection Hall Time Meet your hosts	Connection Hall Time	Essential Workers & COVID-19 Global Forum for Work Injury Insurance
22:30	14:30	08:30	Opening Session	Keynote	IMFP Special Media Session	Keynote
23:00	15:00	09:00				
23:30	15:30	09:30				
00:00	16:00	10:00		Technical Session (2)		
00:30	16:30	10:30	Technical Sessions (2)		Technical Sessions (2)	Closing Session
01:00	17:00	11:00				
01:30	17:30	11:30				
02:00	18:00	12:00				
02:30	18:30	12:30		IMFP Watch Party		
03:00	19:00	13:00	ILO and ISSA Reports		Youth Spotlight Connection Hall Time	
03:30	19:30	13:30				
04:00	20:00	14:00	Connection Hall Time	Symposia (7)	Symposia (7)	
04:30	20:30	14:30				
05:00	21:00	15:00	Symposia (7)	Symposia Conversation Café	Symposia Conversation Café	
05:30	21:30	15:30				
06:00	22:00	16:00	Symposia Conversation Café	Connection Hall Time Exhibitors and Networking	Keynote	
06:30	22:30	16:30				
07:00	23:00	17:00				
07:30	23:30	17:30				
08:00	00:00	18:00				
08:30	00:30	18:30	Opening Session	Connection Hall Time Meet your hosts	Connection Hall Time	Essential Workers & COVID-19 Global Forum for Work Injury Insurance
09:00	01:00	19:00		Keynote	IMFP Special Media Session	Keynote
09:30	01:30	19:30				
10:00	02:00	20:00				
10:30	02:30	20:30	Technical Sessions (2)	Technical Session (2)	Technical Sessions (2)	Closing Session
11:00	03:00	21:00				
11:30	03:30	21:30				
12:00	04:00	22:00				
12:30	04:30	22:30		IMFP Watch Party		
13:00	05:00	23:00	ILO and ISSA Reports		Youth Spotlight Connection Hall Time	
13:30	05:30	23:30				
14:00	06:00	00:00	Connection Hall Time	Symposia (7)	Symposia (7)	
14:30	06:30	00:30				
15:00	07:00	01:00	Symposia (7)	Symposia Conversation Café	Symposia Conversation Café	
15:30	07:30	01:30				
16:00	08:00	02:00	Symposia Conversation Café	Connection Hall Time Exhibitors and Networking	Keynote	
16:30	08:30	02:30				
17:00	09:00	03:00				
17:30	09:30	03:30				
18:00	10:00	04:00				

All sessions will be broadcast twice to accommodate various time zones.



Monday, September 20

Schedule Overview

Broadcast A

AEST 22:30 – 23:40
CEST 14:30 – 15:40
EDT 08:30 – 09:40

Broadcast B

AEST +1 08:30 – 09:40
CEST +1 00:30 – 01:40
EDT 18:30 – 19:40

Opening Session

Welcome Addresses by Co-organizers

Dr. Cameron Mustard
President of the XXII World Congress on Safety and Health at Work, Canada

Ms. Anne Tennier
President, Canadian Centre for Occupational Health & Safety, Canada

Mr. Guy Ryder
Director-General of the International Labour Organization, Switzerland

Dr. Joachim Breuer
President of the International Social Security Association, Switzerland

Partner Welcome

Mr. Larry Rousseau
Executive Vice-President, Canadian Labour Congress

Mr. Kirk Newhook
Chair, Canadian Employers Council

Opening Speaker

Mr. Cameron Bailey
Artistic Director and Co-Head, Toronto International Film Festival
The power of storytelling

Congress President's Roundtable

Prevention in the Connected Age: The State of OSH Today

Young Worker Welcome

Entertainment

Musical performance – La fanfare de L'Île, DJ Tehu
Dance – Joey Arrigo, Hannah Drover, Terrence Littlelent

Broadcast A

AEST +1 00:30 – 02:15
CEST 16:30 – 18:15
EDT 10:30 – 12:15

Broadcast B

AEST +1 10:30 – 12:15
CEST +1 02:30 – 04:15
EDT 20:30 – 22:15

Technical Sessions

TS2 TS5



Monday, September 20

Broadcast A

AEST +1 02:45 – 03:45
CEST 18:45 – 19:45
EDT 12:45 – 13:45

Broadcast B

AEST +1 12:45 – 13:45
CEST +1 04:45 – 05:45
EDT 22:45 – 23:45

ILO and ISSA Reports

AEST +1 03:45 – 04:45
CEST 19:45 – 20:45
EDT 13:45 – 14:45

Connection Hall Time

International Safety and Health Exhibition

Posters

Braindates and Networking

AEST +1 13:45 – 14:45
CEST +1 05:45 – 06:45
EDT 23:45 – +1 00:45

Broadcast A

AEST +1 04:45 – 06:15
CEST 20:45 – 22:15
EDT 14:45 – 16:15

Broadcast B

AEST +1 14:45 – 16:15
CEST +1 06:45 – 08:15
EDT +1 00:45 – 02:15

Symposia

SYM1 SYM2 SYM3 SYM7 SYM9 SYM12 SYM14

AEST +1 06:15 – 06:45
CEST 22:15 – 22:45
EDT 16:15 – 16:45

Symposia Conversation Café

AEST +1 16:15 – 16:45
CEST +1 08:15 – 08:45
EDT +1 02:15 – 02:45

All Day Activities

International Media Festival for Prevention Viewing Room

Video on Demand

International Safety and Health Exhibition

Posters

Braindates and Networking



Monday, September 20

Schedule Details

Broadcast Times Session Organizer Topic **1 2 3**

Broadcast A

AEST +1 00:30 – 02:15

CEST 16:30 – 18:15

EDT 10:30 – 12:15

Broadcast B

AEST +1 10:30 – 12:15

CEST +1 02:30 – 04:15

EDT 20:30 – 22:15

Technical Sessions

Regulating OSH in future of work - New forms of work, workers, employers, workplaces and working relationships

TS2

ILO

○ ● ○

Labour markets, business models and technology are changing at a fast pace. New forms of work using new technologies such as platforms, the increase of self-employed and often blurred employment status and the interconnection between companies at national and cross border level makes it difficult for regulators to effectively govern occupational safety and health, both in terms of responsiveness of legislation as well as the regulatory capacity of compliance mechanisms. The technical session will debate these challenges and introduce innovative practices on how countries are preparing for the future of work.

Moderator

Joaquim Pintado Nunes ILO, Switzerland

Speakers

Stephanie Claus Youth Champion, United States of America

William Cockburn European Agency for Safety and Health at Work, Spain

Valerio de Stefano Institute for Labour Law, Lovain University, Belgium

Angela Maria Herrera Youth Champion, Colombia

Richard Judge Bartlett Judge Associates, United Kingdom of Great Britain and Northern Ireland

Doo Yong Park Korean Occupational Safety and Health Authority, Republic of Korea

Alan Stevens Institution of Occupational Safety and Health, United Kingdom of Great Britain and Northern Ireland

Jukka Takala International Commission on Occupational Health, Finland

Monday, September 20

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A			
AEST +1 00:30 – 02:15	VISION ZERO: Prevention for People – at work, in pandemics and beyond	TSS	ISSA Mining Section, ISSA Construction Section
CEST 16:30 – 18:15			
EDT 10:30 – 12:15			
Broadcast B			
AEST +1 10:30 – 12:15			
CEST +1 02:30 – 04:15			
EDT 20:30 – 22:15			

VISION ZERO was launched by the ISSA at the XXI World Congress on Safety and Health at Work in Singapore. VISION ZERO promotes a comprehensive prevention strategy for safety, health and wellbeing and calls for a future for all without accidents, diseases or harm at work.

The Technical Session looks at how VISION ZERO has developed as successful strategy to implement a prevention culture, focusing on responsible leadership and igniting a VISION ZERO movement all around the world.

It will discuss the ways and methods that were used to mobilize and inspire the commitment by business leaders, political decision-makers, social partners, authorities and occupational safety and health professionals to promote a safe and healthy working environment for all, supported by the application of Seven Golden Rules.

The Technical Session will explore opportunities for a proactive role of industry and all involved stakeholders to open perspectives of a strategic preventive culture to new fields. Therefore, possible links for the VISION ZERO approach to the public health sector in pandemic times, to global supply chains, to sustainable investments and to the society, as a whole will be discussed.

Moderator

Jillian Lee Hamilton Manage Damage & Safety Governance Foundation, Australia

Speakers

Olga Bogdanova European Society of Occupational Safety & Health, Ukraine

Melanie Brinkmann Tu Braunschweig, Germany

Helmut Ehnes ISSA, Germany

Thomas Englerth S & P Global, United States of America

Siong Hin Ho Ministry of Manpower, Singapore

Hans-Horst Konkolewsky International ORP Foundation, Spain

Karl-Heinz Noetel ISSA Construction Section, Germany

Roy Slack Cementation Americas, Canada



Monday, September 20

Broadcast Times

Broadcast A

AEST +1 02:45 – 03:45

CEST 18:45 – 19:45

EDT 12:45 – 13:45

Broadcast B

AEST +1 12:45 – 13:45

CEST +1 04:45 – 05:45

EDT 22:45 – 23:45

ILO and ISSA Reports

ILO Report

Ms. Maria Helena André ILO, Switzerland (TBC)

Ms. Manal Azzi ILO, Switzerland

Ms. Laetitia Dumas ILO, Switzerland

Mr. Ockert Dupper ILO, Switzerland

Ms. Deborah France-Massin ILO, Switzerland (TBC)

Mr. Franklin Muchiri ILO, Switzerland

Ms. Martha Newton ILO, Switzerland (TBC)

Ms. Vera Paquete-Perdigão ILO, Switzerland

Ms. Ana Catalina Ramirez ILO, Switzerland

Mr. Joaquim Pinto Nunes ILO, Switzerland

Dr. Yuka Ujita ILO, Thailand

ISSA Report

Mr. Bernd Treichel ISSA, Switzerland

Mr. Marcelo Abi-Ramia Caetano ISSA, Switzerland

Dr. Mohammed Azman Aziz Mohammed Social Security Organisation (SOCISO), Malaysia

Mr. Brou Yves Yéboué-Kouamé Social Insurance Institute – National Social Insurance Fund (CNPS), Côte d'Ivoire

Ms. Claudia Ambrosio ISSA, Italy

Ms. Magdalena Wachnicka-Witzke Kasa Rolniczego Ubezpieczenia Społecznego (KRUS), Poland

Mr. Muhammad Mujahid Saeed Ahmed Awan Centre for Improvement of Working Conditions & Environment (SAACIWCE), Pakistan

Mr. Malik Muhammad Jamil Vision Technologies, Pakistan

Ms. Sundas Khalil Vision Technologies, Pakistan

Monday, September 20

Broadcast Times

Session

Organizer

Topic **1** **2** **3**

Broadcast A

AEST +1 04:45 – 06:15

CEST 20:45 – 22:15

EDT 14:45 – 16:15

Broadcast B

AEST +1 14:45 – 16:15

CEST +1 06:45 – 08:15

EDT +1 00:45 – 02:15

Symposia

Innovation of OSH governance - Institutions responsible for standards setting and compliance

SYM1

ILO



In the context of rapidly changing forms of work organization and work practices, this session will overview innovations in safety and health administration in institutions responsible for OSH compliance.

Moderator

Joaquim Pintado Nunes ILO, Switzerland

Speakers

Luiz Carlos Lumbreiras Under-Secretariat of Labour Inspection, Brazil

Ekaterina Kuznetsova All-Russian Labour Scientific and Research Institute, Russian Federation

Zhao Li United States Department of Labor, United States of America

Kevin Myers International Association of Labour Inspectors, United Kingdom of Great Britain and Northern Ireland

Duncan Shaw Labour Program, Government of Canada, Canada

Silas Sng Ministry of Manpower, Singapore

Johan van Middelaar TNO, Netherlands

Selçuk Yasar Ministry of Labour and Social Security, Turkey

Violence and harassment at work

SYM2

CUPE



This session will focus on the prevention of violence and harassment in the workplace, including international legislative developments, case studies, and tools for prevention and return to work.

Moderator

Troy Winters Canadian Union of Public Employees, Canada

Speakers

Audrey Gilbeau Nookiiwin Tribal Council, Canada

Elisa Ilarda Western Health, Australia

Luz S. Marin Indiana University of Pennsylvania, United States of America

Hannah Milward Verisafe, New Zealand



Monday, September 20

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A			
AEST +1 04:45 – 06:15			
CEST 20:45 – 22:15			
EDT 14:45 – 16:15			
Broadcast B			
AEST +1 14:45 – 16:15			
CEST +1 06:45 – 08:15			
EDT +1 00:45 – 02:15			
	Psychosocial factors and developments in mental health at work		
	SYM3	ILO, MHCC	● ● ●
	This symposium will focus on the prevention of psychosocial risks at work, as well as the challenges of managing mental health in the workplace. Leading examples involving standards, regulations and workplace practices will be highlighted.		
	Moderator		
	Liz Horvath Mental Health Commission of Canada, Canada		
	Speakers		
	Charlotte Grevfors Ernoult European Commission, Luxembourg		
	Janet Mayowa Nwaogu The Hong Kong Polytechnic University, Hong Kong Special Administrative Region of China		
	Michel Rodrigue Mental Health Commission of Canada, Canada		
	Joti Samra MyWorkplaceHealth, Canada		
	Steve Tizzard Hibernia Platform (Crosbie Salamis Ltd), Canada		
	Sue Weston Comcare, Australia		
	The impact of digitalisation on OSH in global transportation and logistics - Possibilities for the success of the Vision Zero strategy		
	SYM7	ISSA Transportation Section	○ ○ ●
	Every year the lives of approximately 1.25 million people are cut short as a result of a road traffic crash. Between 20 and 50 million more people suffer non-fatal injuries, with many incurring a disability as a result of their injury. This symposium will look to technological developments and to promising approaches to strengthening a culture of prevention for the way forward to Vision Zero.		
	Moderator		
	Nadja Schilling BG Verkehr, Germany		
	Speakers		
	Mohammed Azman Aziz Mohammed Social Security Organization (SOCISO), Malaysia		
	Sashikala Chandrasekar Private Sector, India		
	Sujoy Dey Ministry of Labour, Training & Skills Development, Canada		
	Carl Heinlein American Contractors Insurance Group, United States of America		
	Michelle Roberts Infrastructure Health & Safety Association, Canada		
	Peter Schwaighofer Austrian Workers' Compensation Board, Austria		

Monday, September 20

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A			
AEST +1 04:45 – 06:15	<div>Building a strong OSH culture: workplace stories</div> <div>SYM9 WorkSafeBC ○ ○ ●</div> <div>This session will profile stories from Canada and around the world illustrating successful approaches to building strong workplace prevention cultures.</div> <div>Moderator</div> <div>Adrian Cook WorkSafeBC, Canada</div> <div>Speakers</div> <div>Naziadin Abd Ghani INOES PCG Acetyls Sdn Bhd, Malaysia</div> <div>Chris Atchison British Columbia Construction Association, Canada</div> <div>Maïa Foulis Key Media, Canada</div> <div>Britta Schmitt-Howe Federal Institute for Occupational Safety and Health, Germany</div> <div>Ricardo Vyhmeister Independent Consultant, Chile</div>		
CEST 20:45 – 22:15			
EDT 14:45 – 16:15			
Broadcast B			
AEST +1 14:45 – 16:15	<div>Successful digital OSH communication and information strategies in times of Vision Zero: Effective messages with appropriate technologies</div> <div>SYM12 ISSA Information Section, NIOSH, DGUV ● ○ ○</div> <div>State-of-the-art information and communication campaigns can be powerful tools for raising OSH knowledge, awareness and action. This symposium will focus on effective campaigns, including Vision Zero and social and digital media interventions, and illustrate effective techniques and strategies.</div> <div>Moderator</div> <div>Donna Van Bogaert National Institute for Occupational Safety and Health, United States of America</div> <div>Speakers</div> <div>Angela Janowitz KAN – Commission for Occupational Health and Safety and Standardization, Germany</div> <div>Kiran Kapoor Workplace Safety & Prevention Services, Canada</div> <div>Betty Isabel Nyereyegona National Social Security Authority Zimbabwe, Zimbabwe</div> <div>Timothy Tregenza European Agency for Safety and Health at Work (EU OSHA), Spain</div> <div>Faiza Zia GIZ, Pakistan</div>		
CEST +1 06:45 – 08:15			
EDT +1 00:45 – 02:15			

This session will profile stories from Canada and around the world illustrating successful approaches to building strong workplace prevention cultures.

Moderator

Adrian Cook WorkSafeBC, Canada

Speakers

Naziadin Abd Ghani INOES PCG Acetyls Sdn Bhd, Malaysia

Chris Atchison British Columbia Construction Association, Canada

Maïa Foulis Key Media, Canada

Britta Schmitt-Howe Federal Institute for Occupational Safety and Health, Germany

Ricardo Vyhmeister Independent Consultant, Chile

State-of-the-art information and communication campaigns can be powerful tools for raising OSH knowledge, awareness and action. This symposium will focus on effective campaigns, including Vision Zero and social and digital media interventions, and illustrate effective techniques and strategies.

Moderator

Donna Van Bogaert National Institute for Occupational Safety and Health, United States of America

Speakers

Angela Janowitz KAN – Commission for Occupational Health and Safety and Standardization, Germany

Kiran Kapoor Workplace Safety & Prevention Services, Canada

Betty Isabel Nyereyegona National Social Security Authority Zimbabwe, Zimbabwe

Timothy Tregenza European Agency for Safety and Health at Work (EU OSHA), Spain

Faiza Zia GIZ, Pakistan



Monday, September 20

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A AEST +1 04:45 – 06:15 CEST 20:45 – 22:15 EDT 14:45 – 16:15	Strengthening worker health protection in global supply chains SYM14	IWH, CLC	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
Broadcast B AEST +1 14:45 – 16:15 CEST +1 06:45 – 08:15 EDT +1 00:45 – 02:15	<p>Global supply chains cross national borders with varying standards for worker health protection. The symposium will highlight challenges and solutions for strengthening worker health protection across diverse market systems, regulatory regimes and safety cultures.</p> <p>Moderator Emily Norgang Canadian Labour Congress, Canada</p> <p>Speakers Kalpona Akter Bangladesh Center for Workers Solidarity, Bangladesh Silvana Cappuccio CGIL, Italy Lisa Hollands University of Vechta, Germany Rakesh Patry International, Intergovernmental Labour Affairs, ESDC, Canada</p>		

Tuesday, September 21

Schedule Overview

AEST 22:00 – 23:00
CEST 14:00 – 15:00
EDT 08:00 – 09:00

Connection Hall Time

Vist the Host Booths

International Safety and Health Exhibition

AEST +1 08:00 – 09:00
CEST +1 00:00 – 01:00
EDT 18:00 – 19:00

Posters

Braindates and Networking

Broadcast A

AEST 23:00 – 23:35
CEST 15:00 – 15:35
EDT 09:00 – 09:35

Keynote

Broadcast B

AEST +1 09:00 – 09:35
CEST +1 01:00 – 01:35
EDT 19:00 – 19:35

Broadcast A

AEST +1 00:00 – 01:45
CEST 16:00 – 17:45
EDT 10:00 – 11:45

Technical Sessions

TS1 TS4

Broadcast B

AEST +1 10:00 – 11:45
CEST +1 02:00 – 03:45
EDT 20:00 – 21:45

Broadcast A

AEST +1 02:15 – 03:15
CEST 18:15 – 19:15
EDT 12:15 – 13:15

IMFP Watch Party

Broadcast B

AEST +1 12:15 – 13:15
CEST +1 03:15 – 05:15
EDT 22:15 – 23:15

Broadcast A

AEST +1 03:45 – 05:15
CEST 19:45 – 21:15
EDT 13:45 – 15:15

Symposia

SYM5 SYM6 SYM11 SYM13 SYM18 SYM19 SYM21

Broadcast B

AEST +1 13:45 – 15:15
CEST +1 05:45 – 07:15
EDT 23:45 – +1 01:15



Tuesday, September 21

AEST +1 05:15 – 05:45
CEST 21:15 – 21:45
EDT 15:15 – 15:45

Symposia Conversation Café

AEST +1 15:15 – 15:45
CEST +1 07:15 – 07:45
EDT +1 01:15 – 01:45

AEST +1 05:45 – 08:00
CEST 21:45 – +1 00:00
EDT 15:45 – 18:00

Connection Hall Time

International Safety and Health Exhibition

Posters

Braindates and Networking

AEST +1 15:45 – 18:00
CEST +1 07:45 – 10:00
EDT +1 01:45 – 04:00

All Day Activities

International Media Festival for Prevention Viewing Room

Video on Demand

International Safety and Health Exhibition

Posters

Braindates and Networking

Tuesday, September 21

Schedule Details

Broadcast Times Session Organizer Topic **1 2 3**

Broadcast A

AEST 23:00 – 23:35

CEST 15:00 – 15:35

EDT 09:00 – 09:35

Broadcast B

AEST +1 09:00 – 09:35

CEST +1 01:00 – 01:35

EDT 19:00 – 19:35

Keynote

The Power of Technology in the Future Workplace

Dr. John Howard

Director of the National Institute for Occupational Safety and Health, Center for Disease Control and Prevention, USA

Administrator of the World Trade Center Health Program, U.S. Department of Health and Human Services

Broadcast A

AEST +1 00:00 – 01:45

CEST 16:00 – 17:45

EDT 10:00 – 11:45

Broadcast B

AEST +1 10:00 – 11:45

CEST +1 02:00 – 03:45

EDT 20:00 – 21:45

Technical Sessions

OSH resilience and sustainability in enterprises

TS1

ILO



Resilient organizations have the capacity to anticipate, monitor, respond and learn, especially in the face of unexpected challenges. As an emerging concept, resilience in OSH management holds the potential to enhance an organization's capacity to respond to unexpected and complex risk management situations, by improving the number of things that go right, rather than by reducing the number of things that go wrong. The technical session will discuss this potential paradigm shift including the potential application of engineering principles to enhance safety management systems.

Moderator

Franklin Muchiri ILO, Switzerland

Speakers

Ikenna Ebuonyi University College Dublin, Ireland

Seong-Kyu Kang Gachon University Gil Medical Center, Republic of Korea

Hélène Michel Grenoble Ecole de Management, France

Hector Upegui IBM GHHS, International, Germany



Tuesday, September 21

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A			
AEST	+1 00:00 – 01:45		
CEST	16:00 – 17:45		
EDT	10:00 – 11:45		
Broadcast B			
AEST	+1 10:00 – 11:45		
CEST	+1 02:00 – 03:45		
EDT	20:00 – 21:45		
COVID-19 and the protection of workers: lessons from the global pandemic			
TS4		Canada	
<p>The COVID-19 pandemic has sharply disrupted employment in many countries around the globe. Many millions of workers have adjusted to working remotely from their homes. And many more millions of workers, in sectors designated as essential, have been working in proximity to co-workers and, in some cases, providing services to clients, customers and other members of the public. This technical session will consider 3 dimensions of efforts to protect workers from the risks of COVID-19. A panel of OSH regulators will discuss the novel challenges faced by labour inspection services in the supporting essential workplaces in the adoption of effective infection control practices. A panel of OSH prevention experts will describe the exceptional importance of the global internet to rapidly disseminate guidance from trusted source authorities to hundreds of thousands of workplaces. The session will conclude with a global panel of scientists reflecting on the challenges in precisely identifying workplace transmission of COVID-19.</p>			
Moderator			
Erin Oliver Modern Niagara Group Inc, Canada			
Speakers			
Audrina Hwee Khim Chua Ministry of Manpower, Singapore			
Andrew Curran HSE, United Kingdom of Great Britain and Northern Ireland			
Letitia Davis Occupational Health and Safety Scientist, United States of America			
Siong Hin Ho Ministry of Manpower, Singapore			
Janet Mannella CCOHS, Canada			
David Michaels George Washington U, United States of America			
Peter Smith Institute for Work & Health, Canada			
Sven Timm German Social Accident Insurance (DGUV), Germany			
Jody Young Ministry of Labour, Training and Skills Development, Canada			
Broadcast A			
AEST	+1 02:15 – 03:15		
CEST	18:15 – 19:15		
EDT	12:15 – 13:15		
Broadcast B			
AEST	+1 12:15 – 13:15		
CEST	+1 03:15 – 05:15		
EDT	22:15 – 23:15		
IMFP Watch Party			
Organized by ISSA International Section for Electricity, ISSA International Section on Information			
<p>Grab some popcorn and settle in to join your fellow delegates for a Watch Party as we take a look at the 18 finalists for the International Media Festival for Prevention. The IMFP Jury chose around 50 shortlisted entries from a total of 289 submissions, and from these, they have nominated 18 entries for a prize. Producers and jury members will be on hand to watch along with you and answer your questions in the live chat.</p>			



Tuesday, September 21

Broadcast Times Session Organizer Topic **1 2 3**

Broadcast A

AEST +1 03:45 – 05:15

CEST 19:45 – 21:15

EDT 13:45 – 15:15

Broadcast B

AEST +1 13:45 – 15:15

CEST +1 05:45 – 07:15

EDT 23:45 – +1 01:15

Symposia

Training for Vision Zero

SYM5

ISSA Education Section, IOSH

○ ○ ●

To what extent can training and education serve organizations on the road to Vision Zero? This symposium examines ways responsible organizations develop a positive, caring work culture and safe, healthy and productive workforces through training and education.

Moderator

Louise Hosking Institution of Occupational Health & Safety (IOSH), United Kingdom of Great Britain and Northern Ireland

Speakers

Marilyn Hubner University of Fredericton, Australia

Ugochi Obidiegwu The Safety Chic Ltd, Nigeria

Davide Scotti Saipem Spa, Italy

Bonnie Yau Occupational Safety and Health Council, Hong Kong Special Administrative Region of China

No injured workers left behind: Workers' compensation and employment injury insurance schemes are an essential part for better prevention and protection of workers

SYM6

ILO

● ● ○

Workers' compensation and employment injury insurance schemes play a pivotal role not only in providing necessary compensations and rehabilitation to injured workers but also in enhancing prevention of occupational injuries and diseases. This session will highlight their efforts in both developing and developed countries to cater for needs of all workers through integrated strategies on OSH, compensation and rehabilitation.

Moderator

Gilles Binet Actuary, Canada

Speakers

Mohammed Azman Aziz Mohammed Social Security Organization (SOCSO), Malaysia

Marion Endicott Injured Workers Community Legal Clinic, Canada

Ellen MacEachen University of Waterloo, Canada

John McKinnon Injured Workers Community Legal Clinic, Canada

Raffaello Marcelloni Inail, Italy

Anna Weigelt Afa Försäkring, Sweden



Tuesday, September 21

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A AEST +1 03:45 – 05:15 CEST 19:45 – 21:15 EDT 13:45 – 15:15 Broadcast B AEST +1 13:45 – 15:15 CEST +1 05:45 – 07:15 EDT 23:45 – +1 01:15	Real Time OSH: Digital tools and knowledge <hr/> SYM11	Canada, ILO	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
	Information technology can improve workplace recognition, control, and regulation of OSH hazards, risks and working conditions. This session will focus on leading digital OSH tools and evidence-based online prevention resources.		
	Moderator Louise Logan XXII World Congress on Safety & Health at Work, Canada		
	Speakers Lucia Botti Interdipartimental Research Center on Security and Safety (CRIS), University of Modena and Reggio Emilia, Italy Duane DSa Facedrive, Canada Edwin Galea University of Greenwich, United Kingdom of Great Britain and Northern Ireland Jacqui McLaughlin Reactec Ltd, United Kingdom of Great Britain and Northern Ireland Syed Wajid Ali Shah GLZ, Pakistan Imelda Wong CDC/NIOSH, United States of America		
	New thinking about the prevention of occupational cancer <hr/> SYM13	OCRC	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>
	The burden of occupational cancer continues to grow, despite the fact exposures responsible for occupational cancer are well known and solutions are available to control these exposures. This session will focus on innovative approaches to applying these solutions to achieve safe and healthy work for all.		
	Moderator Paul Demers Occupational Cancer Research Centre, Canada		
	Speakers Eduardo Algranti FUNDACENTRO, Brazil Emilie Counil INED, France Hugh Davies University of British Columbia, Canada Lesley Rushton Imperial College London, United Kingdom of Great Britain and Northern Ireland		

Tuesday, September 21

Broadcast Times	Session	Organizer	Topic
1 2 3			
Broadcast A			
AEST +1 03:45 – 05:15	Promoting prevention and protection in global supply chains	SYM18	ILO
CEST 19:45 – 21:15			
EDT 13:45 – 15:15			
Broadcast B			
AEST +1 13:45 – 15:15			
CEST +1 05:45 – 07:15			
EDT 23:45 – +1 01:15			
While the contribution of GSCs to global economic growth and job opportunities is evident, their impact on the living and working conditions and the safety and health of workers raises important concerns. This session will examine innovative means that have been developed to improve working conditions and OSH in global supply chains.			
Moderator			
Joaquim Pintado Nunes ILO, Switzerland			
Speakers			
Ockert Dupper ILO, Switzerland			
Ruma Ghosh V. V. Giri National Labour Institute, India			
Siena Harlin Abdul Latif Jameel Poverty Action Lab (J-PAL), United States of America			
AnneMarie La Rosa ILO, Switzerland			
Marcelo Tacitano Subsecretariat of Labour Inspection – Ministry of Economy, Brazil			
Worker safety on roadways in the age of automated vehicles			
SYM19			
DVR			
Automated vehicles raise new questions about OSH risks and responsibilities for workers and employers. This symposium will examine emerging issues, in the near future when traffic is partly automated, and in the subsequent era of totally driverless traffic.			
Moderators			
Walter Eichendorf German Road Safety Council (DVR), Germany			
Kay Schulte German Road Safety Council (DVR), Germany			
Speakers			
José Raúl González Cementos Progreso, Guatemala			
Charles Johnson CAS, United Kingdom of Great Britain and Northern Ireland			
Karin Müller DEKRA Automobil GmbH, Germany			
Wolfgang Uslar Berufsgenossenschaft Handel und Warenlogistik, Germany			
Jason Weibel Imperial Oil Resources, Canada			

Tuesday, September 21

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A			
AEST +1 03:45 – 05:15	Vulnerability: the informal economy, migrant workers, and new & young workers	SYM21	UNIFOR
CEST 19:45 – 21:15			
EDT 13:45 – 15:15			
Broadcast B			
AEST +1 13:45 – 15:15	OSH vulnerability – defined by exposure to hazards in contexts of inadequate workplace policies and practices – is more common among specific groups of workers: migrants, new and young workers and workers in the informal economy. This symposium will examine regulatory innovations to strengthen protection in the context of vulnerability.		
CEST +1 05:45 – 07:15			
EDT 23:45 – +1 01:15			
Moderator			
Sari Sairanen Unifor, Canada			
Speakers			
Sanjoy Chowdhury Burnpur Hospital, Steel Authority of India, India			
Jinky Lu National Institutes of Health, University of the Philippines Manila, Philippines			
Florence Moyo Baines Occupational Health and Safety Services Group, Zimbabwe			
Cheryl Peters Cancer Epidemiology and Prevention Research, Alberta Health Services, Canada			
Ela Rydz CAREX Canada, Canada			
Yogindra Samant Norwegian Labour Inspection Authority, Norway			

Wednesday, September 22

Schedule Overview

AEST 22:00 – 23:00
CEST 14:00 – 15:00
EDT 08:00 – 09:00

Connection Hall Time

International Safety and Health Exhibition

Posters

AEST +1 08:00 – 09:00
CEST +1 00:00 – 01:00
EDT 18:00 – 19:00

Braindates and Networking

Broadcast A

AEST 23:00 – +1 00:15
CEST 15:00 – 16:15
EDT 09:00 – 10:15

IMFP Special Media Session

Broadcast B

AEST +1 09:00 – 10:15
CEST +1 01:00 – 02:15
EDT 19:00 – 20:15

Broadcast A

AEST +1 00:30 – 02:15
CEST 16:30 – 18:15
EDT 10:30 – 12:15

Technical Sessions

TS3 TS6

Broadcast B

AEST +1 10:30 – 12:15
CEST +1 02:30 – 04:15
EDT 20:30 – 22:15

AEST +1 02:30 – 03:30
CEST 18:30 – 19:30
EDT 12:30 – 13:30

Youth Spotlight

AEST +1 12:30 – 13:30
CEST +1 04:30 – 05:30
EDT 22:30 – 23:30

Connection Hall Time

International Safety and Health Exhibition

Posters

Braindates and Networking



Wednesday, September 22

Broadcast A

AEST +1 03:45 – 05:15
CEST 19:45 – 21:15
EDT 13:45 – 15:15

Symposia

SYM4 SYM8 SYM10 SYM15 SYM16 SYM17 SYM20

Broadcast B

AEST +1 13:45 – 15:15
CEST +1 05:45 – 07:15
EDT 23:45 – +1 01:15

AEST +1 05:15 – 05:45
CEST 21:15 – 21:45
EDT 15:15 – 15:45

Symposia Conversation Café

AEST +1 15:15 – 15:45
CEST +1 07:15 – 07:45
EDT +1 01:15 – 01:45

Broadcast A

AEST +1 06:00 – 06:30
CEST 22:00 – 22:30
EDT 16:00 – 16:30

Keynote

Broadcast B

AEST +1 16:00 – 16:30
CEST +1 08:00 – 08:30
EDT +1 02:00 – 02:30

All Day Activities

International Media Festival for Prevention Viewing Room

Video on Demand

International Safety and Health Exhibition

Posters

Braindates and Networking

Wednesday, September 22

Schedule Details

Broadcast Times Session Organizer Topic **1 2 3**

Broadcast A

AEST 23:00 – +1 00:15
CEST 15:00 – 16:15
EDT 09:00 – 10:15

IMFP Special Media Session

Organized by ISSA International Section for Electricity, ISSA International Section on Information

Broadcast B

AEST +1 09:00 – 10:15
CEST +1 01:00 – 02:15
EDT 19:00 – 20:15

In this session, Martina Hesse-Spötter, President of the ISSA International Section for Electricity and session moderator Chris Brow will take you on a media journey around the world to find out which six media products will be the winners of the 11th International Media Festival for Prevention IMFP!

This session includes live interviews with nominees and very special guests.

Producers and jury members will be on hand to answer your questions in the live chat.

Broadcast A

AEST +1 00:30 – 02:15
CEST 16:30 – 18:15
EDT 10:30 – 12:15

Technical Sessions

Broadcast B

AEST +1 10:30 – 12:15
CEST +1 02:30 – 04:15
EDT 20:30 – 22:15

Innovations in tripartite governance of occupational safety and health

TS3

Canada



The tri-partite model for the governance of OSH policy and regulatory development has been an effective approach to strengthening worker health protection in Canada, and many other countries. This technical session will review global innovations in tripartite governance in support of policy, regulation and standard development. The session will consider opportunities and challenges in the new world of work, and examine how the model has supported a culture of prevention. Panelists will discuss the work of the tri-partite technical committee that developed ILO Convention C190, and the session will include four case studies of tripartite governance experiences in Chile, New Zealand, Singapore and Canada.

Moderator

Cameron Mustard Institute for Work & Health, Canada

Speakers

John Beckett BC Maritime Employers Association, Canada

Marie Clarke Walker Canadian Labour Congress, Canada

Pedro Contador Undersecretary of Social Security, Chile

Michael Dauncey Kiewit, Canada

Sujoy Dey Ministry of Labour, Training & Skills Development, Canada

Fiona Ewing Forest Industry Safety Council, New Zealand

John Ng Workplace Safety and Health Council, Singapore

Rakesh Patry International, Intergovernmental Labour Affairs, Canada

Shelley Uvanile-Hesch Women's Trucking Federation of Canada, Canada



Broadcast Times

Session

Organizer

Topic 1 2 3

Broadcast A

AEST +1 00:30 – 02:15

CEST 16:30 – 18:15

EDT 10:30 – 12:15

Broadcast B

AEST +1 10:30 – 12:15

CEST +1 02:30 – 04:15

EDT 20:30 – 22:15

OSH in the digital world

TS6

ISSA Machine and Systems Safety Section,
ISSA Research Section, BGN, INRS

The digital transformation is a game changer for the way we work and live. Future scenarios of robots working side by side with human beings are no longer a utopia but already exist. New forms of work lead to a major increase in self-employment and non-regular employment. While automation so far mainly has affected the industrial sector, a digital world will impact all sectors and all types of work. This presents both a risk and an opportunity for the world of work as we know it and consequently for safety, health and wellbeing.

In this Technical Session, experts will showcase how technical achievements through digital transformation already help make work safer, monitor health, improve quality, productivity and thus overall business results. Also discussed will be how to assess new risks related to new technologies, automation and more complex systems. Prevention services and actors need to adapt to these developments. An additional critical issue to be discussed will be how they can contribute to find solutions for smaller companies with limited resources and reach out to non-standard types of employment.

The overall challenge in a digital world will be to preserve, respect and develop the human factor as important for success.

Moderators

Marc Malenfer INRS, France

Marc Wittlich Deutsche Gesetzliche Unfallversicherung E. V., Germany

Speakers

Pierre Berastegui European Trade Union Institute, Belgium

Hans-Jürgen Bischoff ISSA Machine and Systems Safety, Germany

Scott Gaddis InteleX Technologies, United States of America

Michel Hery INRS, France

Agnes Parent-Thirion Eurofound, Ireland

Stéphane Pimbert INRS, France

Andrea Rowe Safety Action, Australia

Maria-Luz Vega ILO, Switzerland

Christian Werner Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Germany

Wednesday, September 22

Broadcast Times	Session	Organizer	Topic 1 2 3
Youth Spotlight			
Broadcast A			
AEST +1 02:30 – 03:30		Mr. Guy Ryder ILO, Switzerland	
CEST 18:30 – 19:30		Dr. Ulrike Bollmann DGUV / ENETOSH, Germany	
EDT 12:30 – 13:30		Mrs. Diana Katherine Cely Silva Red Trabajo Decente, Jovenes, Colombia	
Broadcast B		Mrs. Nur Chariroh Youth Champion, Indonesia	
AEST +1 12:30 – 13:30		Mrs. Stephanie Claus Youth Champion, United States of America	
CEST +1 04:30 – 05:30		Mrs. Zuly Duran Salazar Red Trabajo Decente, Jovenes, Colombia	
EDT 22:30 – 23:30		Mrs. Anna Fendley ITUC Youth Committee / United Steel Workers / AFL-CIO US, United States of America	
		Mr. Phillip Germain Saskatchewan Workers' Compensation Board, Canada	
		Mrs. Dee Hajar Youth Champion, Singapore	
		Mrs. Angela Maria Herrera Fashion Entrepreneur / Youth Champion, Colombia	
		Mrs. Sarah Jampen Almazan Content Strategist & Storyteller, Canada	
		Mr. Francis Mugume Entrepreneur / Youth Champion, Rwanda	
		Ms. Marissa Ramnanan Freelance Reporter / Center for Research-Action on Race Relations, Canada	
		Mrs. Mercy-Grace Seuya Association of Tanzanina Employers, United Republic of Tanzania	

Symposia			
OSH Data - at the global, national and enterprise level			
Broadcast A	SYM4	ILO	● ● ●
AEST +1 03:45 – 05:15			
CEST 19:45 – 21:15			
EDT 13:45 – 15:15			
Broadcast B			
AEST +1 13:45 – 15:15			
CEST +1 05:45 – 07:15			
EDT 23:45 – +1 01:15			
		When reliable OSH data is not available, policy-makers, employers, and workers lack crucial knowledge for the prevention of occupational injuries and diseases. This session will examine data gaps at the global, national and enterprise levels and will highlight new and innovative tools for collecting and using OSH data.	
		Moderator	
		Yuka Ujita ILO, Thailand	
		Speakers	
		Thuthula Balfour Minerals Council South Africa, South Africa	
		Sean Banaee Old Dominion University, United States of America	
		Rafael Consunji Hamad Trauma Center, Hamad General Hospital, Qatar	
		Jillian Lee Hamilton Manage Damage & Safety Governance Foundation, Australia	
		Bálint Náfrádi ILO, Switzerland	



Wednesday, September 22

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A AEST +1 03:45 – 05:15 CEST 19:45 – 21:15 EDT 13:45 – 15:15 Broadcast B AEST +1 13:45 – 15:15 CEST +1 05:45 – 07:15 EDT 23:45 – +1 01:15	Integrating workplace injury prevention with community prevention strategies SYM8	BCIRPU This session will focus on examples of evidence-focused, population-based approaches aimed at changing attitudes and behaviors to build cultures of injury prevention at work, at home and in the community. Moderator Ian Pike University of British Columbia and The Community Against Preventable Injuries, Canada Speakers Lilis Surienty Abd Talib Universiti Sains Malaysia, Malaysia Laura Dale The Community Against Preventable Injuries, Canada Azlan Darus Social Security Organization (SOCISO), Malaysia Shazya Karmali BC Injury Research And Prevention Unit, Canada Richard Rinehart CPWR, United States of America	○ ○ ●
	Global Collaborative Efforts for Advancing Vision Zero and a Culture of Prevention SYM10	ISSA Prevention Culture Section, ISSA Trade Section, KOSHA Safety and Health is the responsibility of society as a whole. This session will showcase prevention culture initiatives and will discuss how these efforts can contribute to improve the culture around occupational safety and health in the future. Moderator Siong Hin Ho Ministry of Manpower, Singapore Speakers Tommi Alanko Finnish Institute of Occupational Health, Finland Ulrike Bollmann Institute for Work and Health of the German Social Accident Insurance (DGUV), Germany Kyungwoo Kim KOSHA, Republic of Korea Pete Kines National Research Centre for the Working Environment, Denmark Hans-Horst Konkolewsky International ORP Foundation, Spain	○ ○ ●



Wednesday, September 22

Broadcast Times	Session	Organizer	Topic 1 2 3
Broadcast A AEST +1 03:45 – 05:15 CEST 19:45 – 21:15 EDT 13:45 – 15:15 Broadcast B AEST +1 13:45 – 15:15 CEST +1 05:45 – 07:15 EDT 23:45 – +1 01:15	Integrating people with disabilities in the world of work <hr/> SYM15	NIDMAR, Solidaris	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
	<p>There are opportunities for greater progress in integrating people with disability in the world of work. This session will highlight successful approaches in different countries and economic sectors to support work participation among those with disabilities.</p> <p>Moderator</p> <p>Sari Sairanen Unifor, Canada</p> <p>Speakers</p> <p>Mohammed Azman Aziz Mohammed Social Security Organization (SOCSO), Malaysia</p> <p>Graham Halsey IDMSC UK & Ireland, United Kingdom of Great Britain and Northern Ireland</p> <p>François Perl Solidaris, Belgium</p> <p>Wolfgang Zimmerman NIDMAR, Canada</p>		
	Safety Culture in Farming: Growing from generation to generation <hr/> SYM16	ISSA Agriculture Section, KRUS, CCHSA	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>
	<p>The themes of this session include good practices, innovative solutions and effective management to advance safety culture in agriculture.</p> <p>Moderator</p> <p>Magdalena Wachnicka-Witzke Kasa Rolniczego Ubezpieczenia Społecznego (KRUS), Poland</p> <p>Speakers</p> <p>Magalie Cayon CCMSA, France</p> <p>Sashikala Chandrasekar Private Sector, India</p> <p>Aleksandra Hadzik Kasa Rolniczego Ubezpieczenia Społecznego (KRUS), Poland</p> <p>Isaac Abril Muñoz Instituto Nacional de Seguridad y Salud en el Trabajo, O.A., M.P. (INSST), Spain</p> <p>Arnd Spahn Sozialversicherung für Landwirtschaft, Forsten und Gartenbau (SVLFG), Germany</p> <p>Päivi Wallin Farmers' Social Insurance Institution Mela, Finland</p>		



Wednesday, September 22

Broadcast Times	Session	Organizer	Topic
Broadcast A			
AEST +1 03:45 – 05:15	SYM17	IOE	<div><div></div><div></div><div></div></div>
CEST 19:45 – 21:15			
EDT 13:45 – 15:15			
Broadcast B			
AEST +1 13:45 – 15:15	SYM20	ISSA Chemistry Section, BG RCI, CLC, IRSST	<div><div></div><div></div><div></div></div>
CEST +1 05:45 – 07:15			
EDT 23:45 – +1 01:15			
Forget the old safety framework approach: Go for a great place to work			
Procedures, processes, and risk assessments are only one way to improve OSH. Beyond the old safety framework approach, what is crucial is to create a culture which translates OSH into something tangible, related to daily life of workers. The session will draw on practical experiences to demonstrate the potential of strong workplace OSH culture to support OSH performance and business success.			
Moderator			
Kris De Meester Federation of Enterprises, Belgium			
Speakers			
John Beckett BC Maritime Employers Association, Canada			
Wouter de Gier Netflix, Netherlands			
Wolf Kirsten Global Centre for Healthy Workplaces, United States of America			
Karolien van Nunen Delft University of Technology, Netherlands			
OSH challenges in the green economy			
Employment in the renewable energy and recycling industries is growing rapidly in the developed and developing world. This symposium will overview OSH hazards in these sectors and highlight innovative control practices.			
Moderator			
Tara Peel Canadian Labour Congress, Canada			
Speakers			
Victoria Arrandale University of Toronto, Canada			
Repon Chowdhury Bangladesh Free Trade Union Congress (BFTUC), Bangladesh			
Patricia Dirrenberger INRS, France			
Oswald Losert BG RCI – ISSA Germany Section Chemistry, Germany			
Jessica Ramsey NIOSH, United States of America			
Keynote			
The Power of Networking to Fuel Innovation and Access			
Ms. Maayan Ziv CEO & Founder, AccessNow			
Broadcast A			
AEST +1 06:00 – 06:30	SYM17	IOE	<div><div></div><div></div><div></div></div>
CEST 22:00 – 22:30			
EDT 16:00 – 16:30			
Broadcast B			
AEST +1 16:00 – 16:30	SYM20	ISSA Chemistry Section, BG RCI, CLC, IRSST	<div><div></div><div></div><div></div></div>
CEST +1 08:00 – 08:30			
EDT +1 02:00 – 02:30			



Thursday, September 23

Schedule Overview

Broadcast A

AEST 22:00 – 23:00
CEST 14:00 – 15:00
EDT 08:00 – 09:00

**Protecting the health and safety of essential workers in emergencies:
lessons learned from the COVID-19 pandemic**

Broadcast B

AEST +1 08:00 – 09:00
CEST +1 00:00 – 01:00
EDT 18:00 – 19:00

Global Forum for Work Injury Insurance

Broadcast A

AEST 23:00 – +1 00:15
CEST 15:00 – 16:15
EDT 09:00 – 10:15

Keynote

Broadcast B

AEST +1 09:00 – 10:15
CEST +1 01:00 – 02:15
EDT 19:00 – 20:15

Broadcast A

AEST +1 00:30 – 01:30
CEST 16:30 – 17:30
EDT 10:30 – 11:30

Closing Session

Congress President Remarks

Closing Remarks by Co-organizers

Broadcast B

AEST +1 10:30 – 11:30
CEST +1 02:30 – 03:30
EDT 20:30 – 21:30

Roundtable: Reflections and Highlights

Handover to the Organizers of the XXIII World Congress on Safety and Health at Work

Dr. Cameron Mustard

President, XXII World Congress on Safety and Health at Work, Canada

Mr. Andrew Gavrielatos

Executive Director, Community Engagement, SafeWork NSW, Australia



Thursday, September 23

Schedule Details

Broadcast Times

Broadcast A

AEST 22:00 – 23:00
CEST 14:00 – 15:00
EDT 08:00 – 09:00

Broadcast B

AEST +1 08:00 – 09:00
CEST +1 00:00 – 01:00
EDT 18:00 – 19:00

Protecting the health and safety of essential workers in emergencies: lessons learned from the COVID-19 pandemic

Ms. Christine Devine Michael Garron Hospital, Canada

Dr. Viviana Gómez Sánchez Latin-American Association of Occupational Health, Costa Rica

David Michaels George Washington U, United States of America

Dr. Klaus Schäfer BGHW, Germany

Mr. James Scongack Bruce Power, Canada

Dr. Peter Smith Institute for Work & Health, Canada

Ms. Henrietta Van hulle Public Services Health and Safety Association, Canada

Broadcast A

AEST 22:00 – 23:00
CEST 14:00 – 15:00
EDT 08:00 – 09:00

Broadcast B

AEST +1 08:00 – 09:00
CEST +1 00:00 – 01:00
EDT 18:00 – 19:00

Global Forum for Work Injury Insurance

Mr. Marcelo Abi-Ramia Caetano International Social Security Association, Switzerland

Dr. Mohammed Azman Aziz Mohammed Social Security Organisation (SOCISO), Malaysia

Mr. Felipe Bunster Echenique Mutual de Seguridad, Chile

Mr. Ron Dressler Utah Labor Commission Division of Industrial Accidents, United States of America

Dr. Edlyn Höller German Social Accident Insurance (DGUV), Germany

Dr. Stefan Hussy German Social Accident Insurance (DGUV), Germany

Dr. Irene C. Isaka East and Central Africa Social Security Association, United Republic of Tanzania

Broadcast A

AEST 23:00 – +1 00:15
CEST 15:00 – 16:15
EDT 09:00 – 10:15

Broadcast B

AEST +1 09:00 – 10:15
CEST +1 01:00 – 02:15
EDT 19:00 – 20:15

Keynote

The Power of Leadership

Dr. Elizabeth Nkumbula

Founder and Chairperson, ENVIS Consulting Limited, Zambia

For the Brighter Future of Work

Prof. Atsushi Seike

President, The Promotion and Mutual Aid Corporation for Private Schools of Japan





Prevention



Exhibitor Listing

Access Now

Alcohol Countermeasure Systems

Avetta LLC

BSI

Cognibox

CONFORMIT Technology Inc.

EllisDon

EU-OSHA (European Agency for Safety and Health at Work)

Finnish Institute of Occupational Health

Geroline Inc. (SureWerx)

Infrastructure Health and Safety Association

Lloyd's Register Foundation

Metro Toronto Convention Center

Myontec

Noggin

SafeWork NSW

SATRA Technology

SHOEBOX Ltd.

SST Mag

SufuMonde Limited

University of Fredericton

VIDPro Inc.

Workplace Safety & Prevention Services

Product Theatre

Lloyd's Register Foundation



Poster Presentations

On the Congress event platform, you will be able to explore over this list of over 400 posters that have been organized in relation to the topics addressed by the Congress Symposia.

P01 Innovation of OSH governance – Institutions responsible for standards setting and compliance (SYM1)

- P01-01 **The First Occupational Safety and Health Law, Punjab-Pakistan**
Zaighum Abbas Mazhar, Pakistan
- P01-02 **Factors influencing a Governance Framework on Radiological Emergency, Preparedness and Response among First Responders**
Anita Abd Rahman, Malaysia
- P01-03 **Compensation for Workers – Still a nightmare? – Ways to improve service delivery mechanism**
Nadeem Akhter, Pakistan
- P01-04 **Dexterous Robotic Hand, A Breakthrough Model for Dermal Exposure Assessment to Chemicals**
Sean Banaee, United States of America
- P01-05 **How can research prevent occupational injury and illness? Assessing NIOSH research impacts within a framework for assessing the determinants of the healthiness of work**
Tim Bushnell, United States of America
- P01-06 **Work-related musculoskeletal disorders (WRMSDs) among surgery resident trainees working in a tertiary care hospital in Karachi, Pakistan: a cross-sectional study**
Ume-e-aiman Chhipa, Pakistan
- P01-07 **Implementation of ISO 45000 in Small Business using Brazilian OHS legal Standards**
Sybele Cruz, Brazil
- P01-08 **What the world fears – findings and interventions from the World Risk Poll**
Sarah Cumbers, United Kingdom of Great Britain and Northern Ireland
- P01-09 **Culture of safety is necessary not only for employees but also for all the stakeholders**
M^a Nieves de la Peña Loroño, Spain
- P01-10 **What Does Occupational Safety and Health Management System (OSHMS) Mean to Nigeria Government: An Assessment of Safety Practices in Federal Secretariats, Nigeria**
Tubosun Fagbe, Ireland
- P01-11 **Policy Approaches to Meet the Future Challenges in the Changing World of Work**
Liisa Hakala, Finland
- P01-12 **Innovation of OSH Governance – Translating Risk from Operations to the Decision Makers in the Board Room**
Jillian Lee Hamilton, Australia
- P01-13 **Protecting psychosocial health at the workplace through regulation – legal challenges – an Swedish example**
Johan Holm, Sweden
- P01-14 **The Vulnerabilities of Regulatory Systems in a Disruptive World**
Richard Judge, United Kingdom of Great Britain and Northern Ireland
- P01-15 **Strategy for Occupational Health and Safety Regulatory Compliance of Operators of Small Event Centers in Lagos, Nigeria**
Shamusedeen Kadiri, Nigeria

- P01-16 **Developing a Collaborative Vision for Implementation of Occupational, Safety and Health 2020 – A Step Towards Sustainable Public-Private Partnership for Culture of Prevention**
Noor Khan, Pakistan
- P01-17 **Preventing occupational slips, trip and falls – Causes, roles and responsibilities**
Donna Lee, Australia
- P01-18 **OSH Barometer – a visual information system on status and trends of OSH in the EU**
Lothar Lieck, Spain
- P01-19 **Real-time Site Safety Risk Assessment and Intervention Method Using RFID Based Multi-Sensor Intelligent System**
Nabeel Mahmood, United States of America
- P01-20 **Safety Risk Assessment Intelligent System for On-foot Construction Worker Using Fuzzy Fault Tree**
Nabeel Mahmood, United States of America
- P01-21 **Prevalence of silicosis among workers employed in stone crushing and grinding sector in the province**
Arshad Mehmood, Pakistan
- P01-22 **Constraints to Occupational Fatal Accident Prosecutions in Zimbabwe. The Case of Factories and Works Inspectorate**
Tafadzwa Muchaka, Zimbabwe
- P01-23 **Understanding the Timing and Content of Canada's 2018 Federal Asbestos Regulation: A Comparative Politics Perspective**
Manisha Pahwa, Canada
- P01-24 **Safety Huddles, an inter-professional approach to incident management: a healthcare perspective**
Amiyo Rahman, Canada
- P01-25 **Advancing a culture of prevention: Development of occupational safety and health regulations in Lagos Nigeria**
B. Tola Sanusi, Nigeria
- P01-26 **The Need to Enhance Marine Occupational Health and Safety in Canada**
Desai Shan, Canada
- P01-27 **Guidelines of the 2021 Brazilian Labour Inspection Actions on Safety and Health at Work**
Marcelo Tacitano, Brazil
- P01-28 **The Approaches and Priorities of the Occupational Accidents Investigations carried out by the Brazilian Labour Inspectors**
Marcelo Tacitano, Brazil
- P01-29 **Repeating Recommendations: A 50-Year Review of Mining Incident Investigative Reports**
Emily Tetzlaff, Canada
- P01-30 **Combination of AI and HI to Address Health and Safety Issues at Work: Building Incident Free Work Environment**
Ali Abbas Thawerani, Pakistan
- P01-31 **Leveraging Change to Achieve Safe and Healthy Work – Queensland's Strategic Response Following Two Tragic Events**
Peter Thorning, Australia
- P01-32 **Changing Regulatory Focus to Ensure Effectiveness in a Changing World of Work – the Role of Systematic Work Health and Safety Management**
Peter Thorning, Australia
- P01-33 **Improving Safety and Health in State-owned enterprises through inter-sector cooperation: A experience for Taiwan**
Hong-Lun Tiunn, United States of America

- P01-34 **Factors that influence decision making to improve workers' health and safety: the perception of Brazilian trade unionists and specialized professionals**
Dalton Tria Cusciano, Brazil
- P01-35 **Findings and Learnings Implementing a Research Impact Framework**
Jimmy Twin, Australia
- P01-36 **10 arguments to transform OSH field from a status of "constraint" to a status of "business' opportunity"**
Dominique Vacher, France
- P01-37 **From 4.9 to 1.2 – Singapore's Ongoing Journey of Reinventions for Workplace Safety and Health**
Silas Sng, Singapore
- P01-38 **SST en contexte de l'industrie 4.0: l'essentiel à retenir des récentes publications scientifiques**
Mohamed Naceur Ben Aziza, Canada
- P01-39 **School Principals: Roles and Responsibilities in the Safe Integration of Students in Internships**
Myriam Bérubé, Canada
- P01-40 **Road Hazard Reduction in Malaysia: Application of HIRARC Methodology in Road Safety**
Harun Bakar, Malaysia

P02 Violence and harassment at work (SYM2)

- P02-01 **Workplace Violence Prevention: Prevalence, Knowledge and Reasons for Non-reporting of Workplace Violence In a Tertiary Facility in South-East Nigeria**
Adaoha Agu, Nigeria
- P02-03 **Schysst stall (Fair stable) – working against sexual harassment in the horse sector**
Britta Carlström, Sweden
- P02-04 **Injuries in marginal workers and social trauma in female: Important cause of the paradigm shift in eye injury over a decade**
Sanjoy Chowdhury, India
- P02-05 **Creating a Culture of Safety in the Canadian Healthcare Sector - Coast to Coast Connections for Prevention**
Sandra Cripps, Canada
- P02-06 **OSH Behavioral Intervention on Third Gender in Workplace, Case Study with Hijra Group, Assam, India**
Hanan Mohamed Fathy Mohamed Mohamed Elnagdy, India
- P02-07 **The impact of workplace violence on medical-surgical nurses' health outcome: A moderated mediation model of work environment conditions and burnout using secondary data**
Farinaz Havaei, Canada
- P02-08 **Testing the Reliability and Validity of the Public Services Health and Safety Association Violence Assessment Tool**
Judith Horrigan, Canada
- P02-09 **Supporting Frontline Hospital Staff to Manage Aggressive Patient Behaviour In Acute Care: A Mixed Methods Approach**
Carla Loftus, Canada
- P02-10 **Spot It, Prevent It: Program Evaluation of a Rapid Response Algorithm for Managing Workplace Violence**
Kathryn Nichol, Canada

- P02-11 **Sexual Harassment/Assault Prevalence among Young Workers in the United States**
Kimberly Rauscher, United States of America
- P02-12 **Prevention of violence, mobbing and harassment at work – also a matter of organization of work**
Kunz Torsten, Germany
- P02-13 **Violence prevention as an issue for accident insurance institutions in Germany**
Kunz Torsten, Germany

P03 Psychosocial factors and developments in mental health at work (SYM3)

- P03-01 **Take care of work, change lives**
Thiago Alves Oliveira, Brazil
- P03-02 **Prevention of Psychosocial Risks in the European Union and the Possibility of its Legal Application in Brazil**
Juliana Batitucci Passos Oliveira, Netherlands
- P03-03 **A scoping review: The effectiveness of mental health screening tools used to detect the onset of mental health conditions of Australian construction workers while engaged in the return to work process.**
Joanna Bohatko-Naismith, Australia
- P03-04 **Hälsöfrämjande ledarskap (health promotion leadership) – working to create successful companies with workplaces where people are healthy.**
Britta Carlström, Sweden
- P03-05 **Prévenir la détresse morale par l'intégration des déterminants de santé au travail à la compétence éthique des professionnels de la santé.**
Chantal Caux, Canada
- P03-06 **Quelle prévention psychologique face à la connectivité dans le métier d'aide à domicile ?**
Rym Chaabouni, France
- P03-07 **Health Problems of Female Workers in Readymade Garment Industries in India**
Rachna Dawar, India
- P03-08 **A Study into the delivery of e-mental health services to remote and rural farming communities**
Abilio De Almeida Neto, Australia
- P03-09 **Effect of cumulative exposure to psychosocial stressors at work on global cognitive function: A 25-year longitudinal study**
Caroline S. Duchaine, Canada
- P03-10 **The Potentially Traumatic Event and the Psychological Health at Work of the Police: A Perception of a Unique Impact?**
Clémence Emeriau-farges, Canada
- P03-11 **Utilizing the Mental Injury Toolkit for Workers to Develop a Comprehensive Program for Psychological Health and Safety**
Carrie Fletcher, Canada
- P03-12 **Building Resilience in Transit Organizations**
Nancy Gowan, Canada
- P03-13 **A tool to assess the psychological stress of temporary workers resulting from the process of providing as part of the risk assessment: "Zeitarbeits-Fragebogen zu psychischer Belastung und Ressourcen im Arbeitnehmerüberlassungsprozess (ZeBRA)"**
Rüdiger Hitzemann, Germany
- P03-14 **Identifying and Measuring Leading and Lagging Indicators of Psychological Health and Safety**
Jeremy Holden, Canada

- P03-15 **New Developments and Trends in Psychosocial Risk Management in Europe – Evidence from the ESENER-3 Survey**
Xabier Irastorza, Spain
- P03-16 **Visionary Nutrition Project to improve Worker Wellbeing and Reduce Incident Rates**
Malik Muhammad Jamil, Pakistan
- P03-17 **Evaluation du stress professionnel chez les dockers en service au Port Autonome De Douala – Cameroun**
Joseph Kaptue, Cameroon
- P03-18 **Differences in disability management outcomes in first responders compared to high and low physical demand workers**
Shannon Killip, Canada
- P03-19 **Psychological safety of oil platform workers with shift work organization in the Caspian Sea**
Yana Korneeva, Russian Federation
- P03-20 **The Economics of Mental / Behavioral Health: High-cost claims and mitigation solutions**
Michael Lacroix, United States of America
- P03-21 **The Influence of Burnout Symptoms on the Relationship Between Work-Life Balance and Self-Rated Health**
Nick Ledwez, Canada
- P03-22 **Study on Occupational Stress and its Social and Economic Implication in Hong Kong SAR**
Carol Lo, China
- P03-23 **Adapting work return for those with mental health conditions: Practical insights of Canadian return-to-work coordinators**
Ellen Maceachen, Canada
- P03-24 **Innovation @ work: Evaluating a customized e-mental health app for healthcare workers**
Sandra Moll, Canada
- P03-25 **Co-designing a Mobile Health Solution to Support the Mental Health of First Responders**
Sandra Moll, Canada
- P03-26 **Association of Socioeconomic and Lifestyle-related Risk Factors with Self-Rated Health: a 5-wave Nationwide Japan Household Panel Survey (JHPS).**
Miwako Nagasu, Japan
- P03-27 **An exploratory study on the barriers and motivators for digital technology use among construction personnel in Nigeria**
Janet Mayowa Nwaogu, Hong Kong Special Administrative Region of China
- P03-28 **The Third Version of the Copenhagen Psychosocial Questionnaire (COPSOQ III)**
John Oudyk, Canada
- P03-29 **StressAssess – A Tool for Measuring Workplace Psychosocial Conditions**
John Oudyk, Canada
- P03-30 **A Repeat Canadian Population Survey of Workplace Psychosocial Conditions**
John Oudyk, Canada
- P03-31 **Medical prevention in shift work**
Jens Petersen, Germany
- P03-32 **Evidence-based psychological risk assessment at work (ePRAD): principles, instruments and applications**
Holger Pfaff, Germany

- P03-33 **The effect of biofeedback on blood pressure and stress in professionals who attend security employees**
Maria de Lourdes Preciado-Serrano, Mexico
- P03-34 **Study of Mental Health of the Employees Working in Government and Private Sectors**
Indu Rathee, India
- P03-35 **Agile working – making the most of the opportunities while avoiding undesirable side effects**
Susanne Roscher, Germany
- P03-36 **Ensuring a healthy approach to extended availability**
Susanne Roscher, Germany
- P03-37 **Creating mentally healthy workplaces through evidence based education and early intervention in New South Wales, Australia**
Erica Rubic, Australia
- P03-38 **Scenarios and hazards in the work of the future: a review of the peer-reviewed and gray literature**
Paul Schulte, United States of America
- P03-39 **Promising practices for assessing psychological risk in the workplace – development of a job-specific psychological risk assessment tool**
Tegan Slot, Canada
- P03-40 **Managing Psychosocial Risk in Your Workplace – Shaping Global Guidance and Taking Effective Action**
Sally Swingewood, United Kingdom of Great Britain and Northern Ireland
- P03-41 **Prevention of psychosocial risks in the workplace – the German nationwide program “GDA Psyche” will be continued**
Kunz Torsten, Germany
- P03-42 **An Evidence-based Guide to Support Employees with Depression**
Dwayne Van Eerd, Canada
- P03-43 **Preventing Psychological Injury through Workplace Safety Behaviour: Examining the Role of Behaviour-Based Approaches to Psychosocial Safety in Police Officers**
Bodhi Weaver, Australia
- P03-44 **AI and automation technologies in the workplace**
Ivan Williams Jimenez, United Kingdom of Great Britain and Northern Ireland
- P03-45 **Participatory Approaches for Workplace Environmental Improvements on Primary Stress Prevention and Job Performance Among hospital Nurses in Japan**
Etsuko Yoshikawa, Japan
- P03-46 **Aspects Epidémiologiques du Burnout chez le Personnel Soignant de l'Hôpital de Zone de Mènontin à Cotonou, Bénin**
Antoine Vikkey Hinson, Benin
- P03-47 **Biological Embedding of Work-related Psychosocial Stress in Canadian Firefighters: What Role Does Social Support Play?**
Somkene Igboanugo, Canada
- P03-48 **Co-designing a Mobile Health Solution to Support the Mental Health of First Responders**
Sandra Moll, Canada
- P03-49 **Operating Environment Analysis of Finnish Occupational Safety and Health Inspection**
Hanna Uusitalo, Finland
- P03-50 **Investing in Healthy Minds @ Work**
Sandra Miller, Canada

P04 OSH Data – at the global, national and enterprise level (SYM4)

- P04-01 **Radiation protection literacy and Its associated factors among healthcare workers in southern region of Malaysia**
Khairul Anuar Abdullah, Malaysia
- P04-02 **Noise induced hearing loss prediction using artificial intelligence modeling based on the dominant frequency cutoff point in closed industrial workrooms**
Vahid Abolhasannejad, Canada
- P04-03 **Clearly Communicating Safety & Regulatory Risks in a Major Organization to Prioritize Decision-Making – a Case Study**
Anita Ansari, Canada
- P04-04 **Recommendations for Developing Innovative Surveillance Systems to Prevent Injury and Musculoskeletal Disorders in Occupations with High Physical Demands – Results from a Study with the Canadian Armed Forces (CAF)**
Phil Bigelow, Canada
- P04-05 **OHS Data digitization and computerization**
Sukumar Das, India
- P04-06 **Given the European Regulation about Chemical Substances Developed with the Aim to Protect the Human Health and Environment (known as REACH and CLP), Are We Supplied the Required Information to Be Able to Do That?**
M^{re} Nieves de la Peña Loroño, Spain
- P04-07 **Mise en œuvre de la politique de sécurité et santé au travail dans les entreprises sénégalaises: cas de la société national des eaux du Sénégal (sones)**
Matam Dia Tall, Senegal
- P04-08 **The Value of Occupational Safety and Health and the Societal Costs of Work-Related Injuries and Diseases**
Dietmar Elsler, Spain
- P04-09 **Use of Data Analytics and the Globally Harmonized System (GHS) to Accelerate Change in Chemical Safety – SDS RiskAssist™ Analyzes Data from Canada's Workplace Hazardous Materials Information System (WHMIS) and allows Workers, Employers and Policy-makers t**
Robert Hallsworth, Canada
- P04-10 **Prevalence of diminished vitamin D among hospital staff in northern Bavaria and association with acute respiratory infections (ARI) during a seasonal influenza epidemic**
Michael Holbach, Germany
- P04-11 **Cross-shift changes in lung function among textile workers: MultiTex RCT study in Karachi, Pakistan**
Abdul Rehman Iqbal, Pakistan
- P04-12 **How are Workplaces Managing OSH on a Daily Basis? Evidence from the Third European Survey of Enterprises on New and Emerging Risks (ESENER-3)**
Xabier Irastorza, Spain
- P04-13 **A Workers' Survey on Exposure to Cancer Risk Factors in Europe: An Innovative Approach to get Comparable and Reliable Data for Prevention and Policy-making Purposes**
Xabier Irastorza, Spain
- P04-14 **Mobilisation des professionnels de la sécurité et santé au travail à la recherche dans un contexte de faible ressources: expérience des congrès de la société camerounaise de la sécurité et santé au travail**
Dieuboue Joseph, Cameroon
- P04-15 **Exposure to Underground Pits and Associated Factors among Artisanal and Small Scale Gold Miners in Rural Eastern Uganda**
Arthur Kiconco, Uganda

- P04-16 **Examining Workplace Safety and Health (WSH) Ownership Model and its Antecedents in a Cross-Sectional Study of Five Major Industries in Singapore**
Jie Xin Lim, Singapore
- P04-17 **Small Scale Mining in the Philippines: Occupational and Environmental Health Implications**
Jinky Lu, Philippines
- P04-18 **Corporal composition, maximal oxygen consumption (VO2 max), and high sensibility C reactive protein [hsCRP] in miners chronic intermittent hypobaric hypoxia (CIHH) exposure from 0 to 2500 m**
Fernando Moraga, Chile
- P04-19 **Analysis of Pneumoconiosis Cases Recorded Between 2009 and 2014 in Zimbabwe**
Benjamin Mutetwa, Zimbabwe
- P04-20 **Investigating the Prevalence of Psychological Illnesses within the Canada Pension Plan Disability Program for Comparative Purposes**
Graeme Nowlan, Canada
- P04-21 **A Population-Based Workplace Exposure Survey**
John Oudyk, Canada
- P04-22 **Computer Vision Syndrome: Relationship with Occupation and Visual Display Terminal (VDT) dependence at the Faculty of Health of the Universidad del Quindío-Colombia.**
Laura Piedrahita, Colombia
- P04-23 **The prevalence of gig work in the U.S.: A review of recent published estimates and discussion of ongoing efforts**
Brian Quay, United States of America
- P04-24 **Associations between Socioeconomic Indices and Occupational Accidents**
Sami Sadi, Israel
- P04-25 **Prevalence and factors associated with respiratory symptoms and lung function among textile workers in Karachi, Pakistan: findings from the MultiTex Study**
Afreen Sadia, Pakistan
- P04-26 **Generating evidence for prevention: risk profile of accidents and occupational diseases in a cohort of Chilean workers (initial results)**
Carlos Sandaña, Chile
- P04-27 **Comparison of Musculoskeletal Disorders (MSDs) in Military versus Civilian Workers of the Ministry of Defense of Spain**
Beatriz Sanz- Bustillo Aguirre, Spain
- P04-28 **Introduction of the Newly Developed and Redesigned Key Indicator Methods - Risk Assessment of Different Working Conditions with Physical Workloads on Screening Level**
Peter Schams, Germany
- P04-29 **Asbestos Identification and Rating System: a digital tool for prioritised removal of asbestos from workplaces.**
Simone Stevenson, Australia
- P04-30 **The Association between Shift Work, Mental Health and Cardiometabolic Health in the Atlantic PATH Cohort**
Ellen Sweeney, Canada
- P04-31 **The Economic Burden of Occupational Injuries and Diseases in Five European Union Countries**
Emile Tompa, Canada
- P04-32 **The correlation between long working hours and occupational accidents and diseases involving healthcare professionals: a case study based on occupational accidents and diseases analyses carried out by Labor Inspectors in Brazil**
Eva Pires Tormin, Brazil

- P04-33 **Environmental risks for occupational hazards in patient seclusion practices in psychiatric hospital care**
Jaakko Varpula, Finland
- P04-34 **Using Company Administrative Data to Evaluate Internal Safety Trends**
Katelyn Versteeg, Canada
- P04-35 **The WHS Rating: an AI-enabled risk-based approach to compliance in the state of New South Wales, Australia**
Gregory Zelic, Australia
- P04-36 **Securing Workers in Pakistan - Utilizing Innovative, Ground-Breaking E-Technology to Implement a Monitoring & Evaluation (M&E) Regime with Performance Benchmarks**
Kalsoom Saqib, Pakistan
- P04-37 **Pilot Study: Determining Noise Exposure of Occupational Hygiene Consultants while they Conduct Field Assessments- An Integral Yet Understudied Cohort**
Craig Fairclough, Canada

P05 Training for Vision Zero (SYM5)

- P05-01 **The effect of radiation protection education module on knowledge, attitude and practice among radiation workers in southern region of Malaysia**
Khairul Anuar Abdullah, Malaysia
- P05-02 **Development of Safety Officer Qualification System for Corporate Executives, Managers, and Staff for Advancing the Occupational Safety and Prevention Culture**
Masahiko Ariyama, Japan
- P05-03 **Innovations in Addressing Longstanding Safety and Health Challenges**
Abiral Raj Baniya Chhetri, Nepal
- P05-04 **Design of strategies to achieve effective work safety training for construction workers in the Ancash Region - Peru, through the application of psychology and design thinking innovation methodology**
Luisa Carrion, Peru
- P05-05 **Readiness Of Vision Zero Initiative in Malaysia**
Azlan Darus, Malaysia
- P05-06 **Using Behaviour Analysis science to improve the effectiveness and desired impact of safety training at the workplace: Evidence based experiences to avoid one of the most common underlying causes of work related accidents**
Reyes Gonzalez Jannon, Switzerland
- P05-07 **Using Judo to Reduce the Impact of Same-level Falls in the Work Place**
Eva Hytönen, Sweden
- P05-08 **Developing Youth Ambassadors of Vision Zero within the School System**
Malik Muhammad Jamil, Pakistan
- P05-09 **Evaluation of the ISSA Academy – Engaging members and learning about their needs**
Maria Klotz, Germany
- P05-10 **A Practical Application of the Vision Zero Seven Golden Rules: Zimbabwean Perspective**
Johanes Mandowa, Zimbabwe
- P05-11 **Handling strategies using an extendable roller track conveyor in the hold of a narrow-body aircraft and production of a training film**
Christian Mostosi, Belgium

- P05-12 **Achieving Vision Zero Goals through Face to Face Training of Industrial Management and Workers (Key Players) in Development and Implementation of Vision Zero**
Muhammad Mujahid, Pakistan
- P05-13 **Preventing fall-from-height injuries in construction with a regulatory training standard**
Lynda Robson, Canada
- P05-14 **Continuous Improvement in Safety Management Systems is Necessary for a Strong Safety Culture and for a Sustainable Culture of Prevention**
Ted Scharf, United States of America
- P05-15 **Top Management Commitment and Involvement in Safety, Health and Wellbeing - Experience from large, multinational pharmaceutical/chemical companies on how to implement ISSA Vision Zero Golden rule no. 1: Take leadership and demonstrate commitment**
Lars Tornvig, Denmark
- P05-16 **Le développement des compétences en santé et sécurité du travail (SST): un programme de parrainage ancré dans l'apprentissage expérientiel**
Sylvie Gascon, Canada
- P05-17 **Environmental exposure assessment among refuellers at Charleroi airport**
Christian Mostosi, Belgium
- P05-18 **The Power of Don't**
John Brix, Canada
- P05-19 **An innovative tool for information and training for employees who work in "suspected of pollution or confined spaces"**
Luciano Di Donato, Italy

P06 No injured workers left behind: Workers' compensation and employment injury insurance schemes are essential part for better prevention and protection of workers (SYM6)

- P06-01 **Sociopolitical Analysis of the Colombian Work Risks and Occupational Health Normative Path (1979-2012)**
Juan Manuel Arango, Colombia
- P06-02 **Association between Longest-Held Occupation and Social Security Disability Insurance Benefits Receipt**
Abay Asfaw, United States of America
- P06-03 **Italian insurance against domestic accidents: health and safety at home**
Laura Baradel, Italy
- P06-04 **Santé et sécurité au travail dans les pays en voie de développement - L'évolution de la législation Algérienne en matière de sécurité et de santé au travail**
Sofiane Ben Messaoud, Algeria
- P06-05 **Severe Work Disabilities and Unaccounted Losses**
Monica Galizzi, United States of America
- P06-06 **Is zero accidents just a pipe dream in construction industry?**
Hassan Hassan, Nigeria
- P06-07 **Safety at Workplace: Nigerian perspective**
Marcus Igwe, Nigeria
- P06-08 **Developing workers' compensation policy for all workers: gaps facing the precariously employed in Ontario**
Ellen Maceachen, Canada

- P06-09 **Asbestos Victims Fund: additional protection for a still actual issue**
Daniela Martini, Italy
- P06-10 **Occupational telemedicine - a VBG model project**
Jens Petersen, Germany
- P06-11 **Integrated Approach for Compensation and Rehabilitation by Government Statutory Body for Silicosis Affected Workers in Block Minakhan, Basirhaat Health District, West Bengal, India**
Priyanka Roy, India
- P06-12 **Workplace Regulation and Worker Compensation: Are Current Research Methods Adequate for the Purpose?**
Lesley Rushton, United Kingdom of Great Britain and Northern Ireland
- P06-13 **Vision Zero Journey of Indo-German Focal Point- Safety at Workplace**
Bimal Sahu, India
- P06-14 **Prioritizing Occupational Safety and Health is still a challenge in Pakistan!**
Muhammad Shahid, Pakistan
- P06-15 **Drowsy Drivers: Asleep at the wheels- No Safety Culture for Drivers**
Muhammad Shahid, Pakistan
- P06-16 **Beauty and the beast: managing industrial maxillofacial injuries**
Madhumita Srivastava, India
- P06-17 **The Swedish model: collectively bargained worker compensation insurance and data-driven prevention – using stress prevention and mental health as an example**
Anna Weigelt, Sweden
- P06-18 **Mentally Healthy Workplaces: Is the voice of lived experience of mental health recovery in the workplace the key to better outcomes?**
Rebecca Neilson, State Insurance Regulatory Authority, Australia
- P06-19 **Model of Integrated Occupational Health and Community Health Care Services for Injured and Ill People**
Aaron Thompson, Canada

P07 The impact of digitalisation on OSH in global transportation and logistics – Possibilities for the success of the Vision Zero strategy (SYM7)

- P07-01 **Introduction to Behavior-Based Safety for a Quantitative Evaluation of Safety Behavior – For Achievement of Collaborative Safety**
Rieko Hojo, Japan
- P07-02 **Dépistage des troubles musculo-squelettiques chez les dockers en service au Port De Douala - Cameroun**
Dieuboue Joseph, Cameroon
- P07-03 **Training Food Technology Students on Safety Awareness Using Vision Zero Concepts: A Case Study Of Federal Polytechnic, Ilaro Nigeria**
Olakunle Moses Makanjuola, Nigeria
- P07-04 **Specialized Behavior Based Safety Training Program for Petroleum Tanker Drivers – A Strategy for the Advancement of Workers Safety on Roadways**
Belinda Odeneye, Nigeria
- P07-05 **Dynamic Risk Assessment for Collaborative Safety**
Shoken Shimizu, Japan



P08 Integrating workplace injury prevention with community prevention strategies (SYM8)

- P08-01 **Factor of Religion on Occupational Safety and Health in the Context of Indonesia**
Ratri Atmoko, Indonesia
- P08-02 **From Best-Practices to "Must-Practices"; An Innovative Solution to Improving Workplace Safety**
Lisa May Campbell, Canada
- P08-03 **Responsive sentencing: non-monetary orders in health and safety**
Daniel Craig, Australia
- P08-04 **More effective compliance and enforcement – using evidence to identify who, what and how**
Abilio De Almeida Neto, Australia
- P08-05 **Causes of Industrial Injuries in Small and Medium Enterprises (SMEs) in India**
Pranab Kumar Goswami, India
- P08-06 **Raising awareness of occupational skin disease**
Linn Holness, Canada
- P08-07 **Task Rotation in an Underground Coal Mine: Implications on Injury and Musculoskeletal Discomfort**
Carole James, Australia
- P08-08 **Workplace Wellness in the Mining Industry: A Focus on Obesity.**
Carole James, Australia
- P08-09 **Promoting physical activity in male-dominated workplaces: Acceptability of the POWERPLAY program**
Carole James, Australia
- P08-10 **Efficacy of on-going food safety education training modules for food handlers in a large premier multi-speciality hospital of India**
Parmmeet Kaur, India
- P08-11 **The Occupational Health And Safety Status Of Local Self-Employed Labourers And Artisans In Ghana-Africa**
Matthew Kwaw, Ghana
- P08-12 **Vibrations corps entier chez les caristes en logistique : de l'évaluation à la sensibilisation en entreprise par l'équipe santé travail**
Victoria Mora, France
- P08-13 **Identifying the "Active Ingredients" of a School-based, Workplace Safety and Health Training Intervention**
Mikko Nykänen, Finland
- P08-14 **Prevalence of musculoskeletal injury among semi-skilled workers - a case study of two (2) flower farms in Uganda**
Priscillah Ondoga, Uganda
- P08-15 **Assessment of safe working environment and occupational health hazards among permanent and temporary workers: A case study of Iron and Steel Company (IISCO), Burnpur, India**
Rahul Rajak, India
- P08-16 **Workplace Agreement and the Deficit of Workers' Rights to Occupational Health and Safety in Selected Small and Medium Enterprises in Lagos State, Nigeria**
Oluranti Samuel, Nigeria
- P08-17 **Areas of Improvement in the Field of Occupational Safety and Health in Bulgaria**
Maria Titopoulou, Bulgaria
- P08-18 **Impact and Management of Sleep Deprivation and Fatigue in the Workplace**
Mark Williams, United States of America

- P08-19 **Using Neuroscience to Achieve Safe Human Performance**
Larry Wilson, Canada
- P08-20 **Factors associated with work-related accidents and illnesses: A study from a nationally representative sample of Ecuadorian affiliated workers**
Antonio Ramón Gómez García, Ecuador

P09 Building a strong OSH culture: workplace stories (SYM9)

- P09-01 **Building Occupational, Safety and Health as a top Priority Agenda by Supreme Court of Pakistan- A Success Story from Pakistan**
Zaighum Abbas Mazhar, Pakistan
- P09-02 **Innovative Solutions for the Effects of New Emerging Risks Related to Occupational Safety & Health Arising from Workplace Digitalization and Disruptive Technologies**
Providence Nwachukwu Akpa, Nigeria
- P09-03 **Promoting a Safety Culture: The Case of Tourism Workers in Bohol, Philippines**
Ronahlee Asuncion, Philippines
- P09-04 **Development of Integrated Safety Culture Index with Four-Level Organisation Maturity for Construction Industries in Malaysia**
Mohd Rafee Baharudin, Malaysia
- P09-05 **How the Art of Story Telling can Effect a Positive Health and Safety Culture**
Nancy Boutcher, Canada
- P09-06 **Innovation methodology: design thinking and psychology applied to the safety culture**
Luisa Carrion, Peru
- P09-07 **Development of Safety and Prevention culture in research laboratory: Case Study in KMUTT Thailand**
Suchada Chaisawadi, Thailand
- P09-08 **Global stories: Innovations to build a supportive culture for worker safety, health, and well-being**
Chia Chang, United States of America
- P09-09 **Safe Machinery but in Many Cases Only on Paper.**
M^a Nieves de la Peña Loroño, Spain
- P09-10 **Evolution of campus maker spaces and safe innovation**
Tolga Durak, United States of America
- P09-11 **How Companies do Perform Economically by Doing Prevention : the "ADMIRE" Framework**
Philippe Emsalem, France
- P09-12 **Safety and ergonomics concerns of human public restrooms**
Bankole Fasanya, United States of America
- P09-13 **ISO 45001 - what have we learnt so far?**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P09-14 **LEAD the Way to Health and Safety – Developing Supervisors to Support Staff in Health and Safety**
Carrie Fletcher, Canada
- P09-15 **Case study of a welder- Hand arm vibration syndrome or primary Raynaud's phenomenon?**
Blessing Garamumhango, Zimbabwe
- P09-16 **Control of diesel particulate matter in an underground mine**
Blessing Garamumhango, Zimbabwe
- P09-17 **Snowflake-rated boots campaign**
Kim Gould, Canada



- P09-18 **Using Safety Culture Assessments to Identify Significant Predictors of Mineworkers' Health and Safety Performance**
Emily Haas, United States of America
- P09-19 **An overview of a new tool for estimating the probability of bypassing guards and protective devices on industrial machinery**
Aida Haghighi, Canada
- P09-20 **Working Men's Sleep Duration and Quality: The Role of Shiftwork, Overtime and Sociodemographic Variables**
Carole James, Australia
- P09-21 **Exploring the Desired Behaviour for Organizational Success.**
Ezril Jamil, Singapore
- P09-22 **A Critical Evaluation of Occupational Safety and Health Management Systems' Implementation: A Case of Mutare Urban Timber Processing Factories, Zimbabwe.**
Johanes Mandowa, Zimbabwe
- P09-23 **Fatality Prevention and Management: Lessons Learnt from World's Leading Organizations**
Isaac Mate, Nigeria
- P09-24 **The Impacts of Lean 5S on Utilization Efficiency of Workshop and Laboratory Facility at the Higher College of Technology-Muscat, Oman**
Mike Medina, Oman
- P09-25 **From Zero Accidents to Vision Zero – A Story of Evolution**
Tiina-Mari Monni, Finland
- P09-26 **The experience of use of Oxygen in Atacama Large Millimeter and Submillimeter Arrays (ALMA) in Chajnantor valley at 5050 m**
Fernando Moraga, Chile
- P09-27 **Building a Culture of Caring: An Investment that Pays Dividends to All**
Dana Mueller, Canada
- P09-28 **Analysis of accident and injury data: Development of Target Based Prevention Campaign on Chemical and Mechanical Safety in Textile and Garment Sector of Punjab, Pakistan**
Muhammad Mujahid, Pakistan
- P09-29 **Vision Zero in Action: A Public-Private Sector Partnership Program in Implementation of Vision Zero**
Muhammad Mujahid, Pakistan
- P09-30 **Calculating the Return on Prevention – Investment and Pay back Analysis in Occupational Safety and Health for Textile and Garment Sector of Pakistan**
Muhammad Mujahid, Pakistan
- P09-31 **Worker participation and the prevention of occupational injury: cross-sectional study in the Ontario mining industry**
Cameron Mustard, Canada
- P09-32 **An Investigation into the Implications of Water Quality on Boiler Failures in Zimbabwe.**
Benjamin Mutetwa, Zimbabwe
- P09-33 **The Initiative-Building Role of a Bite-Sized Training Workshop for Improving Safety and Health at Work**
Miwako Nagasu, Japan
- P09-34 **How Industries Demonstrate Workplace Safety and Health (WSH) Ownership in Singapore – A Qualitative Approach**
Quoc Nam Tran Nguyen, Singapore
- P09-35 **The Joint Health and Safety Committee Assessment Tool – A Journey towards an Evidence-Based Way to Measure Effectiveness**
Kathryn Nichol, Canada

- P09-36 **A tool for cultural safety promotion through supply chain of the Colombian Safety Council**
Yezid Niño, Colombia
- P09-37 **An Assessment of the Impact of Occupational Safety and Health (OSH) on Entrepreneurs: a case study of Entrepreneurs in Lagos State, Nigeria**
Adijat Olateju, Nigeria
- P09-38 **Advancing a Culture of Prevention in the Workplace Through People and Systems (A Comparative Case Study: Examining the Impact of Organizational Use of Occupational Health and Safety Management System in the Maritime, Construction and Oil & Gas Sectors in Ayodeji Oyinloye, Nigeria**
- P09-39 **Arena Safety- Moving Beyond Compliance**
Jeff Pajot, Canada
- P09-40 **Proven Prevention Strategies for Mobile Nurses and Caregivers – Results from a Three-Year Project**
Roland Polacsek-Ernst, Austria
- P09-41 **PESSI safety plan for health care providers**
Sajid Rasheed, Pakistan
- P09-42 **Advancing a Culture of Prevention - Working with industry and regulators to support the prevention of fatalities, injuries and illnesses in a construction infrastructure boom**
Laurence Richey, Australia
- P09-43 **Advancing a Culture of Prevention: A Two-Year Study at PCI a Mid-sized Transportation Parking Organization**
Zoe Robinette, United States of America
- P09-44 **Occupational Health Services & Holistic Well-being At Work: A Workplace Story of Global Collaboration @ Hero MotoCorp Ltd**
Rajat Kumar Saha, India
- P09-45 **Small Business Total Worker Health® Leadership Training**
Natalie Schwatka, United States of America
- P09-46 **Supporting your workforce "Sharing Love for Health & Safety"**
Davide Scotti, Italy
- P09-47 **DROPS: an emotionally engaging campaign called "Choice not Chance"**
Davide Scotti, Italy
- P09-48 **"Belt Up or Get Out": a Safe-Driving Campaign that has Saved Lives**
Davide Scotti, Italy
- P09-49 **Approach to building a strong OSH culture in IndianOil**
Sandeep Sharma, India
- P09-50 **Advancing culture of Occupational Health Promotion through Canteen Hygiene Index in IndianOil**
Sandeep Sharma, India
- P09-51 **Engineering Solutions to Mitigate Occupational Noise Exposure in Aquaculture Facilities**
Jonathan Stone, Canada
- P09-52 **Development of the simple construction occupational health and safety management system called COMPACT COHSMS for safe and secure work environment**
Masaharu Tanaka, Japan
- P09-53 **Efficiency and Operability of HF Interventions in Improving Safety in Aviation and Railways**
Anna-Maria Teperi, Finland
- P09-54 **Prevention Techniques Assisting to Decrease Occupational Accidents**
Maria Titopoulou, Bulgaria
- P09-55 **Make it safe, Make it home campaign**
Virginie Tremblay, Canada



- P09-56 **Assessmet of Work Ability among Peri-menopausal Female Teachers , Suez , Egypt**
Amani Waheed, Egypt

P10 Global Collaborative Efforts for Advancing Vision Zero and a Culture of Prevention (SYM10)

- P10-01 **Pakistan's Leading Service Providers - Institutionalizing Dialogue for Compliance - Pilot**
Raza Abbas, Pakistan
- P10-02 **Maaden Safety Transformation Program**
Saad Al Twaim, Saudi Arabia
- P10-03 **The Impact of Replacing Complementary Medical Tests with Action Plans on Worker's Health**
Felipe Almeida, Brazil
- P10-04 **Driving Change, Creating Value: Translating Vision Zero Strategy into Reality**
Jamiu Badmos, Nigeria
- P10-05 **Accommodating the Older Worker: Implications for Safety Professionals**
Angela Bernardo, United States of America
- P10-06 **Catastrophic Events and Human Error: A Few "Rotten Apples" or Organizational Dysfunction?**
Peter Bridle, United States of America
- P10-07 **Supporting the worker during his decision making within the framework of screening or medical surveillance: a guide for occupational health professionals**
Chantal Caux, Canada
- P10-08 **Prévention et productivité dans les menuiseries à bois du secteur informel à Douala-Cameroun: application de la méthodologie du Wise**
Eliane Cheuffa Tepou, Cameroon
- P10-09 **Implementation of Safety by Design (SbD) at an Integrated Electric Utility**
Damien Clapa, Canada
- P10-10 **Advancing a Culture of Safety Citizenship Behaviour: Perspectives of Employees in Gold Mining Companies in Ghana**
Joana Dodoo, Ghana
- P10-11 **A Dynamic and Holistic Approach to Safety by Japanese Company: Successful Case with Vision Zero Approach**
Masao Dohi, Japan
- P10-12 **Does ISO 45001 support a strong health and safety culture?**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P10-13 **Development of Safety Assessor Qualification System for Advancing the Occupational Safety and Prevention Culture in the Fourth Industrial Revolution Age**
Toshihiro Fujita, Japan
- P10-14 **Advancing a Culture of Prevention and Safety Through Transformational Leadership - The Chief Executive Officer Shapes the Culture of Prevention and Safety for the Organization by Leading the Transformation**
Janice Green, Jamaica
- P10-15 **Workplace Health Without Borders: A Global Volunteer Network for Promotion of Occupational Health and Safety**
Kevin Hedges, Canada
- P10-16 **How socially responsible are tobacco companies in Pakistan?**
Ali Hussaini, Pakistan

- P10-17 **Special OSH Challenges for Non-Stationary Small and Medium Sized Enterprises (SME) in the Transportation Sector**
Evelien Jonkeren, Germany
- P10-18 **Importance of Health-Related Behavior Change Program in Advancing the Prevention and Control of Infectious Diseases at Workplace**
Olajumoke Joseph, Nigeria
- P10-19 **Rethinking the role of human factors during the work design process-Finnish perspective for future approach**
Tarja Kantolahti, Finland
- P10-20 **A How-To Guide for Injury and Disability Prevention**
Victoria Kennedy, United States of America
- P10-21 **Developing leading indicators for safety, health and wellbeing at work**
Pete Kines, Denmark
- P10-22 **Back to the future - The re-emergence of the forgotten lung disease, Silicosis**
Meagan McCool, Australia
- P10-23 **Incorporating Self-concept as a Contributory Factor to Occupational Safety and Health**
Shingirirayi Mugaviri, Zimbabwe
- P10-24 **An Occupational Health and Safety Approach to Mitigate Climate Change**
Charmaine Mullins-Jaime, United States of America
- P10-25 **Significant Decrease of 93.2% in Stretcher Raise/Lower and Load/Unload Musculoskeletal Disorder Injuries to Paramedics with the Implementation of Power Stretchers and Loading Systems**
Jeany Munawa, Canada
- P10-26 **Occupational Disease: From Clinics to Prevention- Moving towards a National Platform through Collaboration**
Kimberly O'Connell, Canada
- P10-27 **Ergonomic Intervention: Its effect on work related posture and musculoskeletal discomfort in hospital compound laborers**
Samuel Olawuwo, Nigeria
- P10-28 **Assessment and Implications of Changes in the Dimensions of Work Arrangements: A Case Study on Work Schedule**
Regina Pana-cryan, United States of America
- P10-29 **Safety and Health Challenges of Women Labor in Oil Palm Plantation: Empirical Evidences of Indonesia**
Lengga Pradipta, Indonesia
- P10-30 **"Mitdenken 4.0": New paths in social partnership for a modern approach to prevention**
Susanne Roscher, Germany
- P10-31 **Developing a Facility Manager's Guide in the Sight of Awareness of the Generation Z to Environmental Health and Safety at Alternative Workplaces**
Daniela Rusea, Romania
- P10-32 **Progress towards the culture of prevention in the Arab countries (2008-2020): Arab labor organisation review**
Rania Rushdieh, Egypt
- P10-33 **Hazards of hypobaria: innovations in assessment and implications for prevention**
Joan Saary, Canada
- P10-34 **"Italia Loves Sicurezza" - a movement of passionate safety activists**
Davide Scotti, Italy
- P10-35 **Emergency Response and Crisis Management System for Organizations**
Cecilia Suaznabar, United States of America

- P10-36 **The national strategy VISION ZERO towards a culture of prevention in occupational health and safety in Luxembourg**
Annick Sunnen, Luxembourg
- P10-37 **Safety Design and Construction of Trenches**
Marcelo Tacitano, Brazil
- P10-38 **Management of Work at Heights from the Perspective of the Brazilian Labour Inspection**
Marcelo Tacitano, Brazil
- P10-39 **Prevention – a developing area of the German Pension Insurance to insure workability**
Susanne Weinbrenner, Germany
- P10-40 **Study on Physical Activity and Dietary Habits of Hong Kong Working Population**
Jenny Yuen, Hong Kong Special Administrative Region of China
- P10-41 **Provide OSH Support for Small and Medium-Sized Enterprises through Innovative Safety Equipment in Hong Kong**
Jenny Yuen, Hong Kong Special Administrative Region of China

P11 Real Time OSH: Digital tools and knowledge (SYM11)

- P11-01 **"Mens Sana in Opus Sano" (a sound mind in a healthy work): How to Anticipate the Risks of Mental Health Disorders in the Public Service?**
Erika Benevides, Brazil
- P11-02 **Massive EHS data collection system for the ILO Centre Risk Assessment**
Michele Buonanno, Italy
- P11-03 **Migrant workers have the right ToWorkSafe**
Petra Champagne, Belgium
- P11-04 **Gamification on postural training in ceramic industries using virtual reality**
Sybele Cruz, Brazil
- P11-05 **NIOSH Occupational Exposure Banding: An Innovative Approach for Addressing Chemicals Without Occupational Exposure Limits**
Melissa Edmondson, United States of America
- P11-06 **Building information Modelling (BIM) – Predicting accidents before they happen with digital twins and PAS 1192-6**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P11-07 **Development of Tool for Power Pole Maintenance with Real-Time Mechanical Load Monitoring**
Paul Hahto, Canada
- P11-08 **The Development of an Online Training Module to Increase Healthcare Workers Knowledge of the Hazards Associated with Antineoplastic Drugs**
Chun-Yip Hon, Canada
- P11-09 **Research Needs for Human-Centered Robotics for Worker Safety and Well-Being**
Hongwei Hsiao, United States of America
- P11-10 **Application Examples of "Collaborative Safety/Safety2.0" in Various Industries as a Holistic and Dynamic Approach to Safety**
Masao Mukaidono, Japan
- P11-11 **Using new technologies to prevent sleep disorders and road accidents among truck drivers – The sleep medicine program at the COFCO International.**
Douglas Oliveira, Brazil
- P11-12 **The "Eyes on Risk" app. A mobile workplace safety app used to identify and treat workplace risks and unsafe behaviors.**
Douglas Oliveira, Brazil

- P11-13 **AirAssess – A Tool for Assessing Indoor Air Quality Issues**
John Oudyk, Canada
- P11-14 **Technological innovations – The way forward for easy & effective management of workplace safety**
Sobi Ragunathan, Canada
- P11-15 **Developing Online Permit to Work System for Non-Routine Activities Involving Hazards in Industries in India**
Somendra Pal Rana, India
- P11-16 **Chemical Hazard Assessment for Small Business: Development of Simple Tools**
Thomas Tenkate, Canada
- P11-17 **New Employment Forms in South-East Europe**
Maria Titopoulou, Bulgaria
- P11-18 **Electronic Innovation through a Certification and Training Registry to Reduce Injury Rates**
Cathy Whiffen, Canada
- P11-19 **The case for microlearning to enhance safety training**
Ann Conway, Canada

P12 Successful digital OSH communication and information strategies in times of Vision Zero: Effective messages with appropriate technologies (SYM12)

- P12-01 **Virtual Reality Applied to Leadership in Safety**
Stuart Bardales, Peru
- P12-02 **The HUMAN QUALITY Indicator: The first extra financial rating accessible to all companies (ESG) – An objective approach to human capital management**
Florence Benichoux, France
- P12-03 **Analysis of Reach and Lessons Learned from a National Campaign to Prevent Falls in Construction**
Jessica Bunting, United States of America
- P12-04 **Radical change in Occupational Safety and Health**
Riyah Cabigting, Philippines
- P12-05 **Dynamic adaptation of prevention to the development of new technologies in manufacturing companies**
Georg Effenberger, Austria
- P12-06 **The Silica Control Tool: An Online Respirable Crystalline Silica Risk Assessment Tool for the Construction Industry**
Melanie Gorman Ng, Canada
- P12-07 **Building Strong OSH culture: workplace stories**
Muhammad Tanveer Hassan, Pakistan
- P12-08 **Immersive Virtual Reality as an Effective Medium for Safety Education**
Kristian Lukander, Finland
- P12-09 **Human Factors and Ergonomics improve Machine and System Safety**
Peter Nickel, Germany
- P12-10 **HazardAssess – A Tool for Reporting Workplace Hazards and Concerns**
John Oudyk, Canada
- P12-11 **The power of Films and Storytelling to Change Behaviours**
Davide Scotti, Italy
- P12-12 **Life Saving Rules: a Communication Strategy with Impact**
Davide Scotti, Italy



- P12-13 **Successful Digitalization of Occupational Health Services in IndianOil Corporation to advance Occupational Safety & Health**
Sandeep Sharma, India
- P12-14 **VISION ZERO: The Prevention Campaign "SAFETY. Think about it before you get started." of a Mining Company (RAG) and its Evaluation**
Annekatri Wetzstein, Germany

P13 New thinking about the prevention of occupational cancer (SYM13)

- P13-01 **Asbestos, Still on the Market?**
M^o Nieves de la Peña Loroño, Spain
- P13-02 **How can we achieve effectiveness? Combating work-related cancer with an agile and interactive campaign approach**
Marie Jelenko, Austria
- P13-03 **The under-reporting of UV induced occupational non-melanoma skin cancers and actinic keratoses in Italy**
Alberto Modenese, Italy
- P13-04 **Lung Cancer Screening Using Low-Dose Chest Computed Tomography: Potential Benefits, Harms, and Challenges for Workers Exposed to Lung Carcinogens**
Manisha Pahwa, Canada
- P13-05 **Precautions with work-related exposure to natural UV radiation**
Jens Petersen, Germany
- P13-06 **Occupational Cancer, reasons, and preventions.**
Sajid Rasheed, Pakistan
- P13-07 **USA Asbestos Retrospective 1970-2020: Consumption, Mortality, Policy, and Exposure Prevention in the 21st Century**
Linda Reinstein, United States of America
- P13-08 **CAREX Canada: Informing research, practice, and policy to reduce workers' exposures to carcinogens**
Ela Rydz, Canada
- P13-09 **Sound Management of Chemicals at Mining Enterprises in the Russian Federation.**
Dmitry Selyanin, Russian Federation
- P13-10 **What can the production and use of asbestos tell us about occupational cancer rates? An analysis of mesothelioma rates in Canada and abroad.**
Catherine Slavik, Canada
- P13-11 **Improving the assessment of asbestos risk to prevent exposure and end the lethal asbestos legacy**
Simone Stevenson, Australia
- P13-12 **The Utility of Occupational Health in the Canadian Partnership for Tomorrow's Health (CanPath)**
Ellen Sweeney, Canada
- P13-13 **Occupational Health and E-Machine Learning: A Multi-Cohort Job Title Cleaning Project**
Ellen Sweeney, Canada
- P13-14 **Integration of Prevention Programs into Occupational Health and Safety Management Systems: A Sun Safety Case Study**
Thomas Tenkate, Canada
- P13-15 **OHS Policy versus Practice: A Sun Safety Case Study**
Thomas Tenkate, Canada

- P13-16 **Challenges for Establishing an Occupational Exposure Limit for Diesel Engine Exhaust in Ontario, Canada**
Stephanie Ziembicki, Canada

P14 Strengthening worker health protection in global supply chains (SYM14)

- P14-01 **Satisfying multiple market regulatory access requirements for PPE products**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P14-02 **Innovation drives business continuity: addressing longstanding safety and health challenges in small and medium size enterprises in developing countries requires global collaborative efforts and innovative strategies**
Janice Green, Jamaica
- P14-03 **Preventing the Global Dust Storm: Key Insights from Regulating Silica in a Connected Age**
Jade Johnson, Australia
- P14-04 **Occupational Safety And Health: Geosciences working environment Perspectives**
John Stephen Kayode, Malaysia
- P14-05 **Are adjustments to exposure limits for prolonged work in the heat required for older workers?**
Glen Kenny, Canada
- P14-06 **Heat tolerance in older men with type 2 diabetes or hypertension during prolonged work in the heat**
Glen Kenny, Canada
- P14-07 **Risk Factors Associated with Occupational Hazard Exposures and Shiftwork among Filipino factory workers: a cross-sectional study**
Jinky Lu, Philippines
- P14-08 **Impact of Wellness on Employee Productivity: Insights from the Lagos State Ministry of Education**
Rilwan Motolani Mustapha, Nigeria
- P14-09 **Working Abroad – Safe and Healthy: How to perform systematic risk assessment for occupational health and safety**
Silvester Siegmann, Germany
- P14-11 **Mixed-Method Analysis of Truck Driver Health Perceptions Using an Online Forum**
Katelyn Versteeg, Canada
- P14-12 **Context, Culture, and Commercial Aviation: Modern Challenges for a Global Industry**
Kyla Zimmermann, France

P15 Integrating people with disabilities in the world of work (SYM15)

- P15-01 **Disability Access and Safety in the Workplace**
Olajumoke Olabisi Boyejo, Nigeria
- P15-02 **Teaching Made Easy – Instructional Material for People With Mental Disabilities**
Petra Draband, Germany
- P15-03 **Implementing Cognitive Behavioural Strategies to Support Accommodation of Mental illness in the Workplace**
Nancy Gowan, Canada
- P15-04 **Management of Impairment in the Workplace with Specific Requirements for Impairment due to Substance-Use (CSA Z1008:21 Standard)**
Bill Howatt, Canada
- P15-05 **Return-to-work policy across social security systems: where have we arrived 30 years after the introduction of activation policies?**
Ellen Maceachen, Canada



- P15-06 **Potential of Persons with Disabilities as Non Operating Dental Auxiliaries – a Pilot Project**
Parangimalai Diwakar Madan Kumar, India
- P15-07 **Effectiveness of Disabled Aided Dental Chair (DAD) in Reducing Physical Injury and Anxiety during Wheelchair Transfer – a Pilot study**
Parangimalai Diwakar Madan Kumar, India
- P15-08 **Career opportunities for people with partial work ability: a Finnish success story.**
Paivi Mattila-Wiro, Finland
- P15-09 **Comment l'équipe pluridisciplinaire d'un service de santé au travail français s'approprie les recommandations de bonnes pratiques pour faciliter le maintien en emploi ?
A partir d'un exemple, quels sont les freins et leviers identifiés d'un parcours coord**
Codron Regine, France
- P15-10 **Presentation of a New CSA Standard for Work Disability Management Systems**
Emile Tompa, Canada
- P15-11 **The influence of supervisory style on work productivity in employees with severe mental disorders who did or did not disclose their health condition at work.**
Patrizia Villotti, Canada
- P15-12 **Exploratory and confirmatory factor analysis of the rheumatoid arthritis - work instability scale (RA-WIS) in a cohort of workers compensation claimants with a variety of shoulder disorders**
Joshua Vincent, Canada
- P15-13 **Recovery, Quality of Life and Successful Return to Work Following a Serious Injury**
Anthony Kelly, Canada

P16 Safety Culture in Farming: Growing from generation to generation (SYM16)

- P16-01 **Accident Prevention in Agricultural and Industrial Machinery Using Radiofrequency Technology. Application to Olive Net Collectors**
Fernando Chacon, Spain
- P16-02 **Expected Impact of Climate Change on Occupational Injury Rates Among Agricultural Workers**
Miranda Dally, United States of America
- P16-03 **Food production – from systems and procedures to implementing behavioral change**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P16-04 **Summary of Recent NIOSH Health Hazard Evaluations in the United States Cannabis Industry**
Michael Grant, United States of America
- P16-05 **The national plan for agricultural health and safety in South Korea**
Kyungsu Kim, Republic of Korea
- P16-06 **Profiling Initiatives, Nurturing and Benefits of a Prevention Culture at Dikken Orange - Fiduga Farm, Uganda**
Daniel Kivumbi, Uganda
- P16-07 **Evaluation of exposure to heat, ergonomics risk factors and knowledge, attitudes and practices (KAPs) in tobacco curing tunnel facilities in Zimbabwe**
Benjamin Mutetwa, Zimbabwe
- P16-08 **C.A.P D'utilisation Et De Gestion des Pesticides Par Les Maraichers De L'arrondissement De Foumbot Au Cameroun**
Podie Magne Tuete Kwam Nadine Karelle, Cameroon
- P16-09 **Climate Change, Changing Work Process and Occupational Health and Safety among Vegetable Farmers in Selected Local Government Areas in Lagos State, Nigeria**
Oluranti Samuel, Nigeria

- P16-10 **Examining the Impact of On-Farm Programs on Swine Producers' Work Organization, and Agricultural Health and Safety: A Qualitative Assessment**
Nancy Beauregard, Canada

P17 Forget the old safety framework approach: Go for a great place to work (SYM17)

- P17-01 **Cross-shift airway drops among cotton textile workers in Karachi, Pakistan**
Naureen Ali, Pakistan
- P17-02 **Height without Borders**
Thiago Alves Oliveira, Brazil
- P17-03 **The Urgency of Old Age Security for Informal Sector Workers In Indonesia**
Vera Bararah Barid, Indonesia
- P17-04 **From Conception to Birth: Challenges and Perspectives of an Innovation Lab in the Brazilian Public Sector**
Erika Benevides, Brazil
- P17-05 **Safety culture of health professionals at Huambo general hospital**
Josias Chaves, Angola
- P17-06 **VIVA MAIS - OSH management web system for small and medium industries**
Sybele Cruz, Brazil
- P17-07 **Paradigm Shift in Designing Occupational Safety and Health (OSH) Trainings focusing on the Affective Domain**
Joyce Ann Dela Cruz Prakash, Philippines
- P17-08 **Identifying High Reliability Organisation principles that can be applied to improve safety management in medium and large scale construction organisations in Australia**
Andrew Enya, Australia
- P17-09 **Health and Safety Culture. Protecting all employees, all the time... An achievable goal for all!**
Marc-Andre Ferron, Canada
- P17-10 **Using Artificial Intelligence to Monitor Postural Risk in the Workplace**
Yoko Fukumura, United States of America
- P17-11 **Innovative Hazard Management Solutions Using Laser and LED Technologies**
Atul Garg, Canada
- P17-12 **It's Time for a Work Environment Reporting Standard**
Michael Greig, Canada
- P17-13 **Advancing a Framework of OSH Management through Participation and Communication in Mobile Technology Platforms**
Emily Haas, United States of America
- P17-14 **Make your meetings active: an alternative to sitting to prevent occupational diseases**
Valérie Hervieux, Canada
- P17-15 **Social Media and Decision-making Process of Migrant Workers: Case Study of Indonesian Highly Skilled Migrant in Middle East Countries**
Inayah Hidayati, Indonesia
- P17-16 **How workplace health promotion can succeed - a joined approach of social security institutions**
Helge Homann, Germany
- P17-17 **Vision Zero and Improvement of Occupational Safety and Health Prevention Culture in Workplaces in Nigeria**
Shamusedeen Kadiri, Nigeria



- P17-18 **Collaborative development of the Musculoskeletal Disorder Strategy to advance a culture of prevention for New South Wales, Australia**
Jim Kelly, Australia
- P17-19 **Hazards Assessment at a Coffee Shop**
Manouchehr Madani Civi, Canada
- P17-20 **Competency and Professionalism: Missing drivers to solving OHS challenges in the developing world**
Temitope Mudele, Nigeria
- P17-21 **Démonstration du leadership des dirigeants en santé et sécurité au travail (SST)**
Fidèle Ndjoulou, Canada
- P17-22 **Dialogue Social et Santé et Sécurité au Travail (SST) au sein des Entreprises, une Étude de Cas Multiple**
Fidèle Ndjoulou, Canada
- P17-23 **Examining the employer's liability for the employee's safety at work from the perspectives of Nigerian law and international conventions**
Linus Nwauzi, Nigeria
- P17-24 **Health & Wellness, Propelling Success in Occupational Health & Safety in Shared Services Industry**
Raymond Orticio, Philippines
- P17-25 **Ergonomics as a strategy – a way forward to control OHS issues in manufacturing sector in Canada**
Era Poddar, Canada
- P17-26 **Safety measures for occupation induced diseases in Pakistan**
Sajid Rasheed, Pakistan
- P17-27 **A Role for Sonographic Imaging in Workplace Screening: Identification of Individual Risk for and Early-Detection of Work-Related Musculoskeletal Disorders**
Shawn Roll, United States of America
- P17-28 **Management Perception on Workplace Safety and Health (WSH) Ownership in Organisational Culture across Five Major Industries in Singapore: A Qualitative Study**
Vered Seidmann, Singapore
- P17-29 **The Future of Work, Total Worker Health®, and Worker Safety, Health, and Well-Being**
Sara Tamers, United States of America
- P17-30 **OSH and Digital Transformation in Manufacturing Sector: What Should We Know and Do?**
Elena Laroche, Canada
- P17-31 **We all matter – Putting our lives first!**
Vincenzo Delle Donne, Canada

P18 Promoting prevention and protection in global supply chains (SYM18)

- P18-01 **Factors associated with blood pressure among cotton textile workers in Karachi, Pakistan**
Naureen Ali, Pakistan
- P18-02 **Prevalence of risk factors of cardiovascular diseases in employees of an oil company in the city of Huambo - Angola**
Josias Chaves, Angola
- P18-03 **Occupational safety and health an economic driver for developing countries in the global supply chain**
Janice Green, Jamaica
- P18-04 **ISSA Trade – A collaborative global initiative to address safety and health in global supply chains**
Siong Hin Ho, Singapore

- P18-05 **Delving beneath the Surface: Towards a Sustainable Development of Labour Standards with the Dialogue for Sustainability Approach**
Lisa Hollands, Germany
- P18-06 **Criticality of SHE Practitioners in the Implementation of Occupational Safety and Health Management Systems: Case of Mutare Urban Timber Processing Factories, Manicaland Province Zimbabwe**
Johanes Mandowa, Zimbabwe
- P18-07 **Can you demonstrate your organisation's Upstream Work Health and Safety Due Diligence obligations are met prior to acquisition decisions being made?**
Tony Mitchell, Australia
- P18-08 **Promoting Prevention of Fatigue in IndianOil Global Supply Chains of Oil & Gas Sector**
Sandeep Sharma, India
- P18-09 **Managing Occupational Health and Safety in Small Organizations and the Role of Standards**
Sally Swingewood, United Kingdom of Great Britain and Northern Ireland
- P18-10 **Characterization of chemical risk through environmental assessment, as a tool for strengthening the culture of prevention in the health sector in Colombia**
Maira Fernanda Zambrano Carrillo, Colombia

P19 Worker safety on roadways in the age of automated vehicles (SYM19)

- P19-01 **Deep Learning Algorithm to Detect and Estimate Drowsiness level Caused by Fatigue, and Alcohol (or Cannabis) Consumption in the workplace**
Vahid Abolhasannejad, Canada
- P19-02 **Road Traffic Safety in Ghana**
Frederick Anlimah, Ghana
- P19-03 **Profile of citizens performing motorbike taxi activities in the municipality of Huambo and its influence on transit accidents**
Josias Chaves, Angola
- P19-04 **ISO 39003 - Road Traffic Safety (RTS) -- Guidance on safety ethical considerations for autonomous vehicles**
Kate Field, United Kingdom of Great Britain and Northern Ireland
- P19-05 **Depistage des troubles du sommeil et des facteurs associes au risque d'accident chez les conducteurs automobile dans la ville de Douala - Cameroun**
Dieuboue Joseph, Cameroon
- P19-06 **Effective Implementation of Intelligent Transportation Safety in Lagos State, Nigeria - A Key Road Accident Prevention Strategy for Improving Transportation Safety in Mega City**
Oladimeji Saka, Nigeria
- P19-07 **Driving hours limit for mobile workers on transportation platforms: A regulation proposal for Brazil**
Dalton Tria Cusciano, Brazil
- P19-08 **Grey Fleet Management at the Workplace**
Harun Bakar, Malaysia

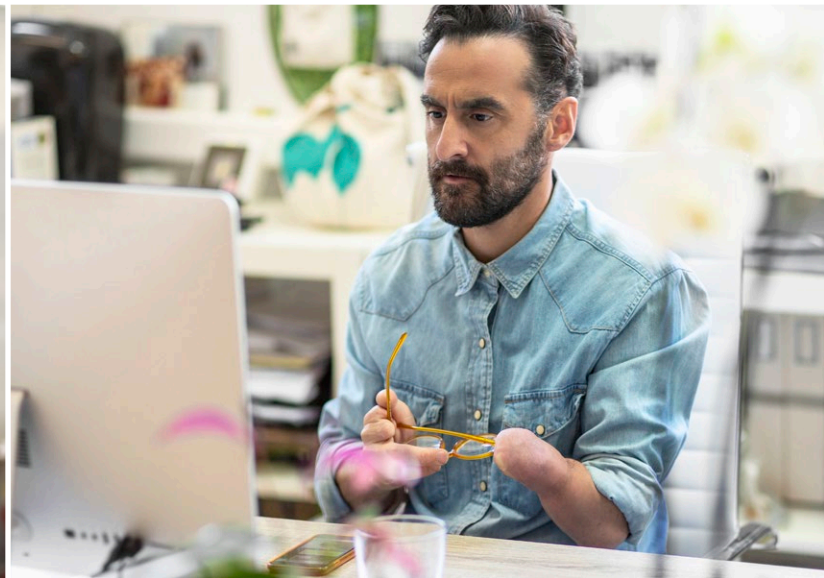
P20 OSH challenges in the green economy (SYM20)

- P20-01 **OSH Star Enterprise – Recycling Industry Safety Enhancement Pilot Scheme. A Partnership Approach to Improve the Safety Performance of Recycling Industry in Hong Kong SAR**
Yanny Yu, China



P21 Vulnerability: the informal economy, migrant workers, and new & young workers (SYM21)

- P21-01 **Implications of the Changing World of Work for Occupational Safety and Health**
Rita Nkiruka Ama, Nigeria
- P21-02 **Occupational Health and Safety in Nail Salons: Perspectives from Toronto, Canada**
Victoria Arrandale, Canada
- P21-03 **Preparing For the Unexpected: A Strategic Foresight on the Futures of Occupational Health and Safety in Ontario by 2035**
Sahar Asaad, Canada
- P21-04 **Social Security for Migrant Workers Indonesia: Case Study of Migrant Workers Indonesia in South Korea**
Vera Bararah Barid, Indonesia
- P21-05 **Industry 4.0 where Research, Development and Innovation Brings a New Way of Working, but What about Occupational Health and Safety?**
M^o Nieves de la Peña Loroño, Spain
- P21-06 **Tackling occupational health challenges of informal work: learnings from a case study of gem workers**
Kevin Hedges, Canada
- P21-07 **Health and gender implications of informal employment: what is known and what research is still needed?**
Juyeon Lee, Republic of Korea
- P21-08 **When your boss is an app: algorithmic pressures and health and safety risks in ride-hail gigs**
Ellen Maceachen, Canada
- P21-09 **Risk Factors Linked to Occupational Injuries Among Artisanal and Small-Scale Gold Miners in Rosterman Area, Kakamega County, Kenya - Mapping Out Risks to Enhance Prevention in Artisanal and Small-Scale Mining.**
Winnie Makokha, Kenya
- P21-10 **Understanding the roots of OSH vulnerability in small enterprises**
Cameron Mustard, Canada
- P21-11 **Occupational safety at some quarries in Viet Nam**
Bich Diep Nguyen, Viet Nam
- P21-12 **Accident Patterns and Regulatory Compliances in Construction Projects in India**
Somendra Pal Rana, India
- P21-13 **Characteristics and Consequences of Workplace Violence among Young Workers**
Kimberly Rauscher, United States of America
- P21-14 **From Hazards to Solutions: Occupational Health Mapping with Toronto-based Nail Technicians**
Reena Shadaan, Canada
- P21-15 **Attitude and experience of german students of human medicine towards occupational health and safety**
Silvester Siegmann, Germany
- P21-16 **Employer Readiness to Support the Work Health and Safety Needs of Australia's Ageing Workforce**
Peter Thorning, Australia



International Media Festival for Prevention

List of Contributors



999 BASF Colors & Effects, Germany

"Echt jetzt?!": Das Making-of der Poster zur Arbeitsplatzhygiene

AUVA – Austrian Workers Compensation Board, Austria

"Hey, turn it down" the decibel-song Berufsgenossenschaft RCI, Germany

"Nie badz dziki" Raben Group, Poland ●●

"Vision Zero: World Prevention Strategy in Agriculture". 39th International Colloquium of the International Section of the ISSA on Prevention in Agriculture University of Cordoba, Spain

ListentoYourGut Common Injuries Q&A WorkSafeBC, Canada

#MortelTonTaf, La web-série qui va te sauver la vie au travail ! INRS, France ●●

„Therapie-Set für ganzheitliche Präventionsmaßnahmen,, Germany

»DVR/UK/BG-Schwerpunktaktion Risiko-Check "Emotionen" 2018 Deutscher Verkehrssicherheitsrat DVR, Germany

100% Sécurité: l'ambition d'EIFFAGE EIFFAGE, France

39th International Colloquium of the International Section of the ISSA on Prevention in Agriculture University of Cordoba, Spain

A Bhay Jara Dekh Ke chalo Siemens Sanskrutik Sanstha, India

A Social Experiment: Do people look out for their co-workers? Workplace Safety and Health Council, Singapore

A Word of Care Workplace Safety and Health Council, Singapore

Agita tu mundo 3m Ecuador, Ecuador

Agricoltura organica. L'esperienza di Karalis INAIL, Italy

Ai no Harness Ministry of Labour, Japan

Airbus Safety Runner Airbus Operations GmbH, Germany

Algas que dan vida Chile

ALIMENTAZIONE SALUTE E SICUREZZA NEOGAMMA SRL, Italy

Ancora Vivere Saipem SpA, Italy

Anfangen ist leicht. Aufhören nicht. HENX, Austria

Animation TOT 2/18 Fatal internal traffic accidents Tapaturmavakuutuskeskus, Finland ●●

Apontar e falar Rumo Logística, Brazil

Arden's Story Workplace Safety and Insurance Board (Ontario), Canada

BC First Responders' Mental Health website WorkSafeBC, Canada

Be Safe 2020 Management Development Institute of Singapore, Singapore

Belt Up or Get Out Saipem SpA, Italy

● Shortlisted Entries ● Nominated for an IMFP Award



Berufsrisiko PuzzleCat Entertainment, Germany

Bitte sich in Elektriker Kim hineinversetzen/ Hörspiel, -feature bcc e.V., Germany

Breathe Safety, Live Safely National University of Singapore, Singapore

Bullying and Harassment in Construction: It's Personal WorkSafeBC, Canada

Campagna prevenzione INAIL, Italy

Campagna ricerca INAIL, Italy

Campagne VISION ZERO - Témoignages d'un accident du travail / de trajet Association d'assurance accident, Luxembourg

Changing a Proud Culture - the Landcorp/Pāmu story Business Leaders H&S Forum, New Zealand ●

Chemical Safety Indian Institute of Technology (IIT) Bombay, India

Child Health Promotion Initiative Safe Kids Malaysia Universiti Putra Malaysia, Malaysia

CO2-Timer Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung /Unfallkasse Hessen, Germany

COFCO - Vídeo Motivacional COFCO, Brazil

Coiffeusen und Coiffeure: Schützen Sie Ihre Hände, wenn Sie Haare waschen! Suva, Switzerland ●

Collaboration Helps Pellet Plant Own Safety WorkSafeBC, Canada

Combustible Wood Dust Explosions WorkSafeBC, Canada

Connecting the Dots: The Community Against Preventable Injuries The Community Against Preventable Injuries, Canada

Cryogenics Safety Indian Institute of Technology (IIT) Bombay, India

Curso animado e interactivo de las cinco reglas de oro para el sector eléctrico en baja, media y alta tensión. M&M creative ideas, Colombia

D^2 R; Detectar, Detener y Reportar Cementos Progreso S.A., Guatemala

Das Leben ist schön, solange nichts passiert. Suva, Switzerland ●●

Day of Mourning - Radio Workplace Safety and Insurance Board (Ontario), Canada

Day of Mourning - Videos Workplace Safety and Insurance Board (Ontario), Canada ●●

Day of Mourning 2020 - Radio Workplace Safety and Insurance Board (Ontario), Canada

Day of Mourning 2020 - Videos Workplace Safety and Insurance Board (Ontario), Canada

Day of Mourning Vancouver Ceremony, livestream WorkSafeBC, Canada

Der Adapter Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Der BGN-Selbstcheck zur Kultur der Prävention Berufsgenossenschaft Nahrungsmittel und Gastgewerbe BGN, Germany ●

Der Bleistift Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Der Feierabend Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Der Flamingo Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Der Weihnachtsbaum Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Dissemination of Research Findings Innovatively on Fire Safety Safe Kids Malaysia Universiti Putra Malaysia, Malaysia

● Shortlisted Entries ● Nominated for an IMFP Award



Distractions – Workplace Safety PSA A.Y. Jackson Secondary School, Canada
Donna's Story: Delivery Truck Driver Safety WorkSafeBC, Canada
Dräger Safety Hacks – Vision Zero Draeger Safety AG & Co. KGaA, Germany
DROPS – Choice not Chance Saipem SpA, Italy ●
Du baschd uff mich uff! John Deere GmbH & Co. KG, Germany
DVR/UK/BG-Schwerpunktaktion 2019 "WO BIST DU GERADE?" Deutscher Verkehrssicherheitsrat DVR, Germany ●
DVR/UK/BG-Schwerpunktaktion Risiko-Check "Wind & Wetter" 2017 Deutscher Verkehrssicherheitsrat DVR, Germany

Educational Fire Safety Empowerment Initiative Safe Kids Malaysia Universiti Putra Malaysia, Malaysia
Een Etmaal Overleven Royal Wagenborg, Netherlands
Ein Tag wie jeder andere Smurfit Kappa, Germany
Electrical Safety Indian Institute of Technology (IIT) Bombay, India
ENA 2018 Farming – Overhead Power Lines Safety Campaign Energy Networks Association, Great Britain ●
ENA 2019 Safety Video – Transport – Overhead Power Lines Safety Campaign Energy Networks Association, Great Britain ●●
Ensuring contractors are successful so you can be too Forest Industry Safety Council, New Zealand
Entre el deber y la vida Unión Eléctrica – Cuba, Cuba
ErgoMine National Institute for Occupational Safety and Health (NIOSH), United States of America
Es soll immer gut aussehen BGHW, Germany
Escuela de seguridad y salud en el trabajo AXA COLPATRIA RV AXA COLPATRIA ARL, Colombia
EXAMiner National Institute for Occupational Safety and Health (NIOSH), United States of America ●●
Exosquelettes au travail : comment s'y préparer ? INRS, France

Faces of Black Lung II CDC/NIOSH, United States of America
Faces of Work-related COPD – COPD and Quality of Life CDC/NIOSH, United States of America
Faces of Work-related COPD – COPD-Minimizing the Risks CDC/NIOSH, United States of America
Faces of Work-related COPD – What is Work-related COPD? CDC/NIOSH, United States of America
Faces of Work-related COPD – Work-related Exposure CDC/NIOSH, United States of America
Facteurs de risque IRSST, Canada
Fernie Memorial Arena Incident Animation WorkSafeBC, Canada
Fingers snap INAIL, Italy
Fire Safety Indian Institute of Technology (IIT) Bombay, India ●
Fishing Safety Success Stories National Institute for Occupational Safety and Health (NIOSH), United States of America ●
Fit for Work – Wade Brunt's Story Forest Industry Safety Council, New Zealand
Flash Prévention Amiante ANDAL PREVENTION, France
Flüchten – Verstecken – Alarmieren BGHW, Germany

● Shortlisted Entries ● Nominated for an IMFP Award



Forum de la sécurité et de la santé au travail Association d'assurance accident, Luxembourg

futuro Patagonia wellboat, Chile

Gas Cylinder Safety Indian Institute of Technology (IIT) Bombay, India

Geister der Verkehrsunfälle AUVA – Austrian Workers Compensation Board, Austria ●

Gemeinsam erfolgreich Bayernoil Raffineriegesellschaft, Germany

Haarstudio Elisabeth CSI Zugriff Haarstudio Elisabeth, Germany

Hälsofrämjande ledarskap Prevent, Sweden

Handbuch See BG Verkehr, Germany ●

Hands Safety Workplace Safety and Health Council, Singapore

Hazardous Chemicals and Waste Management Course Northwestern University, United States of America

Hearing – What Noise Does to Your Ears WorkSafeBC, Canada

Hearing Loss Prevention WorkSafeBC, Canada ●

Hygienemaßnahmen für gefährliche Arbeitsstoffe – Kampagne: Gib Acht, Krebsgefahr! AUVA – Austrian Workers Compensation Board, Austria

I am Goal Zero The Shell Company of Thailand, Thailand ●

I Can Handle It! Canada

I Can Prevent Falls Workplace Safety and Health Council, Singapore

Ich weiß ja, wie es sicher geht VDSI – Verband für Sicherheit, Gesundheit und Umweltschutz bei der Arbeit, Germany

Improving EMS Worker Safety Through Ambulance Design and Testing National Institute for Occupational Safety and Health (NIOSH), United States of America

IN...SICUREZZA D'APICE ANGELO, Italy

Institute for Work & Health website Institute for Work & Health, Canada

Interactive asbestos house WorkSafeBC, Canada

IOSH No Time to Lose campaign – Silica phase Institution of Occupational Safety and Health (IOSH), Great Britain

Ironhand® :Le Gant bionique au service de la Santé et Sécurité au travail EIFFAGE, France

Irreversible Patagonia wellboat, Chile

Istota zaufania Scientific Students Group Erasmus+Manager, Czestochowa University of Technology, Poland

Jim's Story Saipem SpA, Italy ●●

Jobbsnackisar Prevent, Sweden

Kelowna Roofing Firm Takes Safety to New Heights WorkSafeBC, Canada ●

Killer on the Loose NLG – Never Let Go, Great Britain ●●

Kinesthésie de la chute HELIATEC FORMATION, France

KISAH INSPIRATIF SEORANG MANUSIA BIONIK BPJS Ketenagakerjaan, Indonesia

Kitchen Safety: Preventing Burns and Scalds WorkSafeBC, Canada ●

● Shortlisted Entries ● Nominated for an IMFP Award



Klaus hat's raus Germany

Knowledge Transfer Program on Child Safety Seats Safe Kids Malaysia Universiti Putra Malaysia, Malaysia

Korea Occupational Safety and Health Agency, eLearning Department Korea Occupational Safety and Health Agency, eLearning Department, Republic of Korea

Krebserzeugende Arbeitsstoffe – Kampagne: Gib Acht, Krebsgefahr! AUVA – Austrian Workers Compensation Board, Austria

La manutention de patients CESI, Belgium

La recette FLEURY MICHON, France

La santé et la sécurité au travail s'affichent : une exposition et un site dédié INRS, France

Laboratory Safety Training for Support Staff Northwestern University, United States of America

Lance's Story Workplace Safety and Insurance Board (Ontario), Canada

Laser Safety Indian Institute of Technology (IIT) Bombay, India

Leakage test for compressed gas cylinder India

Les covoits FLEURY MICHON, France

Les drones au service de la sécurité au travail Inspection du Travail et des Mines, Luxembourg

Les super héros portent des masques FLEURY MICHON, France

Macchinari più sicuri per una fabbrica di cioccolato INAIL, Italy

Machine Safety Indian Institute of Technology (IIT) Bombay, India

Mario E. – Schwarz ist keine Farbe Jürgen Walter Beratungsgesellschaft mbH, Germany

Meet Occupational Safety Officer Bruce Logan-Commercial Fishing WorkSafeBC, Canada

Mensch-Maschine-Kollaboration AUVA – Austrian Workers Compensation Board, Austria

Mental Well-Being. It Matters. Wong Fong Academy, Singapore

Mr Gecko Workplace Safety and Health Council, Singapore ●●

Multimediale Salute e sicurezza alla guida di autoveicoli Eni SpA, Italy

Nancy's Story Workplace Safety and Insurance Board (Ontario), Canada

Napo – Sicherheit und Gesundheit Deutsche Gesetzliche Unfallversicherung e.V. DGUV, Germany

Napo in... dust at work The Napo Consortium, Great Britain ●

Napo in... Heat stress, The Duel The Napo Consortium, Great Britain

Napo in... Heat stress, Walk the talk The Napo Consortium, Great Britain

Napo in... On the road to safety The Napo Consortium, Great Britain

Napo in... risk assessment online The Napo Consortium, Great Britain

NCRQ Safety for Managers NCRQ Ltd, Great Britain

Neulich bei Airbus... Airbus Operations GmbH, Germany

Ngantuk Jangan Nyetir, Nyetir Jangan Ngantuk Indonesia

Nicht so lässig wie du denkst HENX, Austria

Nie badz dziki na drodze – emeryt Raben Group, Poland

Nie badz dziki na drodze – krolowa zycia Raben Group, Poland

● Shortlisted Entries ● Nominated for an IMFP Award



Nie badz dziki na drodze - młody gniewny Raben Group, Poland

Nils erklärt den Brandschutz Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege BGW, Germany ●

No estamos hechos para tener accidentes Sitrans, Chile ●

No Stress met I.De.We Groep IDEWE, Belgium

Noise Induced Hearing Loss - Radio spots Workplace Safety and Insurance Board (Ontario), Canada

Noise Induced Hearing Loss - Videos Workplace Safety and Insurance Board (Ontario), Canada

Noise Induced Hearing Loss - Website Workplace Safety and Insurance Board (Ontario), Canada ●

Notenschluss HENX, Austria

NSSA Rural Outreach Programme NSSA, Zimbabwe

Online-Tool "AUVA-Arbeitsstoffverzeichnis" – Kampagne: Gib Acht, Krebsgefahr! AUVA – Austrian Workers Compensation Board, Austria

Pasado Patagonia wellboat, Chile

Pausa activa con actitud y liderazgo Peru

Perjalanan Indonesia Bebas Asbes Zio Clinic, Occupational Health & Medicine, Indonesia

Pete's Story Workplace Safety and Insurance Board (Ontario), Canada

Pflanzenschutzmittel sicher anwenden – Kampagne: Gib Acht, Krebsgefahr! AUVA – Austrian Workers Compensation Board, Austria

PIC AXACOLPATRIA - MODULO TAREAS CRITICAS AXA COLPATRIA ARL, Colombia

Polska Kronika Filmowa. Pracuj - spaceruj. Grupa Walor, Poland

Practice Safe Work Workplace Safety and Insurance Board (Ontario), Canada

Practice Safe Work - Website Workplace Safety and Insurance Board (Ontario), Canada

Practicing good hygiene Sun Life, Canada

Predicament of Wood workers and Neglect of pay masters and Policy makers Health and Safety Group Africa, Ghana

Presente Patagonia wellboat, Chile

Prevención del síndrome del tunel carpiano Universidad del Rosario, Colombia

Preventable@: Safety in the Workplace The Community Against Preventable Injuries, Canada

Prix national sécurité-santé au travail Association d'assurance accident, Luxembourg

Project Dzimba NSSA, Zimbabwe

Proyecto de Agricultura INTERCTAB Instituto Nacional de Salud - Colombia, Colombia

PSA baeumler film+tv, Germany

PSA-Audit - Einfache Verwaltung von PSA-Artikeln und integrierte Sachkunde-Prüfung Georg Leber und Christoph Huppertz, CGH IT-Solutions GbR, Germany

Public Empowerment Initiative on Child Safety Seats Safe Kids Malaysia Universiti Putra Malaysia, Malaysia

Quad Bikes Cost Lives campaign SafeWork NSW, Australia ●

● Shortlisted Entries ● Nominated for an IMFP Award



Radiation Safety Indian Institute of Technology Bombay, Powai, India
Recyclage DEEE. J'adopte les bons gestes INRS, France
Reflexión de Seguridad en Navidad. Campaña de Control de Riesgos de Fatalidad Sitrans, Chile
Return to Work – Falls from Heights Workplace Safety and Health Council, Singapore
Return to Work Programme Workplace Safety and Health Council, Singapore ●
Rhythm of Life Workplace Safety and Health Council, Singapore
Ricerca. Anche questo è Inail INAIL, Italy
Road to Asbestos Free in Indonesia Zio Clinic, Occupational Health & Medicine, Indonesia ●

Safe in the Hall WorkSafeBC, Canada ●
Safe Set Work for Every-Body Urban Post-Production, Canada
SAFE Work Manitoba – Level Up 2.0 Changemakers, Canada ●●
Safety Education App for Africans Ulomka Multi Solutions Ltd, Nigeria
Safety Niwemweni Workers Compensation Fund Control Board, Zambia ●●
Safety Pays in Mining CDC/NIOSH, United States of America
Safety Rhymes Canada
Safety Say What Workplace Safety & Prevention Services, Canada
Safety starts @ home Eni SpA, Italy
Safety Starts with Everyone Workplace Safety and Health Council, Singapore
Safety Starts with You and Me Workplace Safety and Health Council, Singapore
Safety Starts With You campaign SafeWork NSW, Australia ●●
safety, prevention and protection National Institute for Health, Italy
Safety4Future Saipem SpA, Italy
SAFY Safety Awareness For You SAFY BV, Netherlands
ScacciaRischi Inail Direzione regionale Puglia, Italy
Schysst stall Prevent, Sweden
Seguttractor Instituto Nacional de Seguridad y Salud en el Trabajo, Spain ●
Sensibilización virtual requisitos de ingreso a subestaciones eléctricas Instituto Costarricense de Electricidad, Costa Rica
Sharing Love For Health and Safety 2019 Montage Saipem SpA, Italy
SIFAR Social Security Organization, Malaysia ●●
Site Internet de la stratégie nationale VISION ZERO Association d'assurance accident, Luxembourg
Sitting or standing? Which is best? Institute for Work & Health, Canada
Small Business International Travel Resource National Institute for Occupational Safety and Health (NIOSH), United States of America
SMALL BUSINESS INTERNATIONAL TRAVEL RESOURCE: TRAVEL PLANNER National Institute for Occupational Safety and Health (NIOSH), United States of America ●
SnapSAFE public reporting video Workplace Safety and Health Council, Singapore
SP Safety Song Flopfilms, India

● Shortlisted Entries ● Nominated for an IMFP Award



Speak Up, Act Now, Stay Safe Canada

Spot It! Prevent It! Campaign Videos VHA Home HealthCare, Canada

Stone boulders Siksha 'O' Anusandhan Deemed to be University, India ●

Storie di prevenzione, campagna di prevenzione storytelling INAIL, Italy

Stratégie nationale VISION ZERO – Lancement Association d'assurance accident, Luxembourg

Stress lass nach – Gefährdungsbeurteilung psychischer Belastung bei Siemens Siemens AG –HR EHS DE, Germany

Sumando Kilómetros Cementos Progreso S.A., Guatemala

Supervisor's response to work injury matters Institute for Work & Health, Canada

Tabuthema Psyche? Offenheit statt Vorurteil! Siemens AG –HR EHS DE, Germany

Take time to take care Workplace Safety and Health Council, Singapore

Take Your Kids to Work Day Workplace Safety and Insurance Board (Ontario), Canada ●

TANGO UNDER RECONSTRUCTION POLSKA GRUPA GÓRNICZA KOPALNIA ROW, Poland

Testimonial "Am Besten Immer Mit!" mit Judith Richter Berufsgenossenschaft RCI, Germany

The Hazards of Shipping Containers WorkSafeBC, Canada

The Matthew Bowcott Story WorkSafeBC, Canada

The Self-Correcting Organization NW Training & Development, Canada

THE STRANGE Spain

THINK TWICE – Be alert, not alone. Mondi Corrugated Services GmbH, Austria

THINK TWICE. Take a moment, not a fall. Mondi Corrugated Services GmbH, Austria

Tips van I.De.We voor het nieuwe jaar Groep IDEWE, Belgium

Towards Vision Zero NSSA, Zimbabwe

Town of Widows Bread and Roses Creative Productions Inc., Canada

Trabalhe com segurança! Seus filhos esperam por você! COFCO, Brazil

Tu Vida, Sin Vuelcos Instituto Nacional de Seguridad y Salud en el Trabajo, Spain

Turning the Tide: PFDs in the Fishing Industry WorkSafeBC, Canada ●●

Un giorno qualunque INAIL, Italy

Une démarche d'analyse d'accident du travail : aide à la personne INRS, France ●●

Updating medicina del lavoro Updating medicina del lavoro, Italy

Urbanlines NCRQ Ltd, Great Britain

Verfahren von Hubarbeitsbühnen plonsker media gmbh, Germany

Verkehrssicherheit bei John Deere – Werk Mannheim John Deere GmbH & Co. KG, Germany

Vision Zero Berufsgenossenschaft Handel und Warenlogistik, Germany

Vision Zero Workers Compensation Fund Control Board, Zambia

Vision Zero aur Saat Rehnuma Asool – Billu Aur Dhillu Animated Video GIZ, Pakistan

Vivo te quiero!! Cementos Progreso S.A., Guatemala

● Shortlisted Entries ● Nominated for an IMFP Award



WARKAH Social Security Organization, Malaysia

Was ist "Industrie 4.0"? Allgemeine Unfallversicherungsanstalt, Austria

Web Based Training "Sicher arbeiten – Gesundheit schützen" BGHW, Germany ●

'What I Know Now' Employer campaign: conto boxes, BC Ferries WorkSafeBC, Canada ●

'What I Know Now' Employer campaign: conto boxes, Red Truck Brewery WorkSafeBC, Canada

Which Mask Will You Wear? Silica awareness campaign SafeWork NSW, Australia

Why not think safety? Health and Safety Group Africa, Ghana

Wie viel ist zu viel? HENX, Austria

Wizja Zero – Strategia Prewencji w Rolnictwie Kasa Rolniczego Ubezpieczenia Społecznego, Poland

Work and Technology on Human Terms Prevent, Sweden ●●

Worker Pulled into Ground by Quicksand Condition WorkSafeBC, Canada

Workplace injuries hurt the most at home WCB Nova Scotia, Canada ●

WorkplaceNL Online Young Worker OHS Course WorkplaceNL, Canada ●●

WorkplaceNL Video/Radio Contest WorkplaceNL, Canada

WorkSafe Saskatchewan Saskatchewan Workers' Compensation Board, Canada

Worst Call Centre Stories EVER (Hang Up on Abuse campaign United Steelworkers Union, Canada

Young Road Safety Ambassadors Safe Kids Malaysia Universiti Putra Malaysia, Malaysia

Young Workers: ListentoYourGut, 30 second kitchen version WorkSafeBC, Canada

Zero Harm Culture @ Siemens – Sicherheit aus Überzeugung Siemens AG –HR EHS DE, Germany

Охрана труда - Фонд социального страхования Российской Федерации Social Insurance Fund of the Russian Federation, Russian Federation

바보 같이 죽는 방법 - 비계 작업 VR KOSHA, Republic of Korea

小心！熱暑人 Occupational Safety and Health Council, Hong Kong Special Administrative Region of China

愛.健康 職安速遞 Occupational Safety and Health Council, Hong Kong Special Administrative Region of China ●

日常生活安全自護 Industrial Safety and Health Association of R.O.C, Taiwan, China

貪生怕死 先係man Occupational Safety and Health Council, Hong Kong Special Administrative Region of China

● Shortlisted Entries ● Nominated for an IMFP Award





Connect

Speakers, Poster Presenters

Abbas, Raza GIZ, Pakistan **P10-01**

Abbas Mazhar, Zaighum Directorate General of Labour Welfare (DGLW), Pakistan **P01-01, P09-01**

Abd Ghani, Naziadin INOES PCG Acetyls Sdn Bhd, Malaysia **SYM9**

Abd Rahman, Anita Universiti Putra Malaysia, Malaysia **P01-02**

Abd Talib, Lilis Surienty Universiti Sains Malaysia, Malaysia **SYM8**

Abdullah, Khairul Anuar Universiti Putra Malaysia, Malaysia **P04-01, P05-01**

Abolhasannejad, Vahid Ryerson University, Canada **P04-02, P19-01**

Abril Muñoz, Isaac Instituto Nacional de Seguridad y Salud en el Trabajo, O.A., M.P. (INSST), Spain **SYM16**

Agu, Adaoha Alex Ekwueme Federal University Teaching Hospital Abakaliki /Ebonyi State University , Abakaliki, Nigeria, Nigeria **P02-01**

Akhter, Nadeem Directorate General of Labour Welfare (DGLW), Pakistan **P01-03**

Akpa, Providence Nwachukwu Qhse Services Provyda Ltd, Nigeria **P02-02, P09-02**

Akter, Kalpona Bangladesh Center for Workers Solidarity (BCWS), Bangladesh **SYM14**

Al Twaim, Saad Ma'aden, Saudi Arabia **P10-02**

Alanko, Tommi Finnish Institute of Occupational Health, Finland **SYM10**

Algranti, Eduardo FUNDACENTRO, Brazil **SYM13**

Ali, Naureen Aga Khan University Hospital, Pakistan **P17-01, P18-01**

Almeida, Felipe Tejofran Group, Brazil **P10-03**

Alves Oliveira, Thiago Hyundai Motor Brasil, Brazil **P03-01, P17-02**

Ama, Rita Nkiruka Nigerian Nuclear Regulatory Authority, Nigeria **P21-01**

Ambrosio, Claudia ISSA, Italy **ISSA Report**

André, Maria Helena ILO, Switzerland **ILO Report**

Anlimah, Frederick UOW, Ghana **P19-02**

Ansari, Anita BC Hydro, Canada **P04-03**

Arango, Juan Manuel Universidad Nacional De Colombia/Independent researcher, Colombia **P06-01**

Ariyama, Masahiko JAPAN CERTIFICATION CORPORATION, Japan **P05-02**

Arrandale, Victoria University of Toronto, Canada **SYM20, P21-02**

Asaad, Sahar Ministry of Labour, Training and Skills Development, Canada **P21-03**

Asfaw, Abay CDC/NIOSH, United States of America **P06-02**

Asuncion, Ronahlee University of The Philippines Diliman, Philippines **P09-03**

Atchison, Chris British Columbia Construction Association, Canada **SYM9**

Atmoko, Ratri Faculty of Psychology, Atma Jaya Catholic University of Indonesia, Indonesia **P08-01**

Aziz Mohammed, Mohammed Azman Social Security Organization (SOCO), Malaysia **SYM6, SYM7, SYM15, ISSA Report, Global Forum**

Azzi, Manal ILO, Switzerland **ILO Report**

Badmos, Jamiu The Safety Advocates, Nigeria **P10-04**

Baharudin, Mohd Rafee Universiti Putra Malaysia, Malaysia **P09-04**

Bakar, Harun Social Security Organization (SOCISO), Malaysia **P01-40, P19-08**

Balfour, Thuthula Minerals Council South Africa, South Africa **SYM4**

Banaee, Sean Old Dominion University, United States of America **SYM4, P01-04**

Baniya Chhetri, Abiral Raj Pact CSI Nepal, Nepal **P05-03**

Baradel, Laura INAIL, Italy **P06-03**

Bardales, Stuart Transforma Asociados SAC, Peru **P12-01**

Barid, Vera Bararah Indonesian Institute of Sciences, Indonesia **P17-03, P21-04**

Batitucci Passos Oliveira, Juliana Leiden University, Netherlands **P03-02**

Beauregard, Nancy Université de Montréal, Canada **P16-10**

Beckett, John BC Maritime Employers Association, Canada **SYM17, TS3**

Ben Aziza, Mohamed Naceur Canada **P01-38**

Ben Messaoud, Sofiane University of Oran 2 Mohamed Ben Ahmed, Algeria **P06-04**

Benevides, Erika Fundacentro – Fundação Jorge Duprat Figueiredo de Segurança e Medicina do Trabalho, Brazil **P11-01, P17-04**

Benichoux, Florence Better Human Cie, France **P12-02**

Berastegui, Pierre European Trade Union Institute, Belgium **TS6**

Bernardo, Angela Slippery Rock University of Pennsylvania, United States of America **P10-05**

Bérubé, Myriam Canada **P01-39**

Bigelow, Phil University of Waterloo, Canada **P04-04**

Binet, Gilles Actuary, Canada **SYM6**

Bischoff, Hans-Jürgen Berufsgenossenschaft Nahrungsmittel und Gastgewerbe, Germany **TS6**

Bogdanova, Olga European Society of Occupational Safety & Health, Ukraine **TS5**

Bohatko-Naismith, Joanna The University of Newcastle, Australia **P03-03**

Bollmann, Ulrike Institute for Work and Health of the German Social Accident Insurance (DGUV), Germany **SYM10, Youth Spotlight**

Botti, Lucia Interdipartimental Research Center on Security and Safety (CRIS), University of Modena and Reggio Emilia, Italy **SYM11**

Boutcher, Nancy WorkSafeNB, Canada **P09-05**

Boyejo, Olajumoke Olabisi Lagos State University, Nigeria **P15-01**

Bridle, Peter Pegasus Risk Management, United States of America **P10-06**

Brinkmann, Melanie Tu Braunschweig, Germany **TS5**

Brix, John Canada **P05-18**

Brow, Chris Germany **IMFP**

Bunster Echenique, Felipe Mutual de Seguridad, Chile **Global Forum**

Bunting, Jessica CPWR, United States of America **P12-03**

Buonanno, Michele Studio Buonanno SRL, Italy **P11-02**

Bushnell, Tim CDC/NIOSH, United States of America **P01-05**



Cabigting, Riyah EverBilena Cosmetics Ph/ Synerquest, Philippines **P12-04**
Caetano, Marcelo ISSA, Switzerland **ISSA Report, Global Forum**
Campbell, Lisa May Tru-path Occupational Therapy Services Ltd., Canada **P08-02**
Cappuccio, Silvana CGIL, Italy **SYM14**
Carlström, Britta Prevent, Sweden **P02-03, P03-04**
Carrion, Luisa Grupo Atomo, Peru **P05-04, P09-06**
Caux, Chantal Université de Montreal, Canada **P03-05, P10-07**
Cayon, Magalie CCMSA, France **SYM16**
Cely Silva, Diana Katherine Red Trabajo Decente, Jovenes, Colombia **Youth Spotlight**
Chaabouni, Rym Université Sorbonne Paris Nord, France **P03-06**
Chacon, Fernando Universidad de Cordoba, Spain **P16-01**
Chaisawadi, Suchada King Mongkut's University of Technology Thonburi, Thailand **P09-07**
Champagne, Petra IDEWE vzw, Belgium **P11-03**
Chandrasekar, Sashikala Private Sector, India **SYM7, SYM16**
Chang, Chia CDC/NIOSH, United States of America **P09-08**
Chariroh, Nur ILO, Indonesia **Youth Spotlight**
Chaves, Josias Universidade José Eduardo dos Santos, Angola **P17-05, P18-02, P19-03**
Cheuffa Tepou, Eliane Central Hospital of Yaounde, Cameroon **P10-08**
Chhipa, Ume-e-aiman Aga Khan University, Pakistan **P01-06**
Chowdhury, Sanjoy Burnpur Hospital, Steel Authority of India, India **SYM21, P02-04**
Chowdhury, Repon Bangladesh Free Trade Union Congress (BFTUC), Bangladesh **SYM20**
Chua, Audrina Hwee Khim Ministry of Manpower, Singapore **TS4**
Clapa, Damien BC Hydro, Canada **P10-09**
Clarke Walker, Marie Canadian Labour Congress, Canada **TS3**
Claus, Stephanie Youth Champion, United States of America **TS2, Youth Spotlight**
Cockburn, William European Agency for Safety and Health at Work, Spain **TS2**
Consunji, Rafael Hamad Trauma Center, Hamad General Hospital, Qatar **SYM4**
Contador, Pedro Undersecretary of Social Security, Chile **TS3**
Conway, Ann Canada **P11-19**
Cook, Adrian WorkSafeBC, Canada **SYM9**
Counil, Emilie INED, France **SYM13**
Craig, Daniel Department of Customer Service, Australia **P08-03**
Cripps, Sandra Saskatchewan Association for Safe Workplaces in Health, Canada **P02-05**
Cruz, Sybele SESI - Industry Social Service, Brazil **P01-07, P11-04, P17-06**
Cumbers, Sarah Lloyd's Register Foundation, United Kingdom of Great Britain and Northern Ireland **P01-08**
Curran, Andrew HSE, United Kingdom of Great Britain and Northern Ireland **TS4**

Dale, Laura The Community Against Preventable Injuries, Canada **SYM8**
Dally, Miranda Colorado School of Public Health, United States of America **P16-02**
Darus, Azlan Social Security Organization (SOCISO), Malaysia **SYM8, P05-05**



Das, Sukumar Adani Enterprise Limited, India [P04-05](#)
Dauncey, Michael Kiewit, Canada [TS3](#)
Davies, Hugh University of British Columbia, Canada [SYM13](#)
Davis, Letitia Occupational Health and Safety Scientist, United States of America [TS4](#)
Dawar, Rachna International Safety Culture, Delhi, India [P03-07](#)
De Almeida Neto, Abilio SafeWork NSW, Australia [P03-08, P08-04](#)
de Gier, Wouter Netflix, Netherlands [SYM17](#)
de la Peña Loroño, M^a Nieves OSALAN – Basque Institute for Occupational Health and Safety, Spain
[P01-09, P04-06, P09-09, P13-01, P21-05](#)
De Meester, Kris Federation of Enterprises, Belgium [SYM17](#)
de Stefano, Valerio Institute for Labour Law, Lovain University, Belgium [TS2](#)
Dela Cruz Prakash, Joyce Ann Occupational Safety and Health Center, Philippines [P17-07](#)
Delle Donne, Vincenzo Canada [P17-31](#)
Demers, Paul Occupational Cancer Research Centre, Canada [SYM13](#)
Devine, Christine Michael Garron Hospital, Canada [Essential Workers](#)
Dey, Sujoy Ministry of Labour, Training & Skills Development, Canada [TS3, SYM7](#)
Di Donato, Luciano Italy [P05-19](#)
Dia Tall, Matam société nationale des eaux du Sénégal (SONES)NES), Senegal [P04-07](#)
Dirrenberger, Patricia INRS, France [SYM20](#)
Doodoo, Joana University of Cape Coast, Ghana [P10-10](#)
Dohi, Masao Idec Corporation, Japan [P10-11](#)
Draband, Petra Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege, Germany [P15-02](#)
Dressler, Ron Utah Labor Commission Division of Industrial Accidents, United States of America [Global Forum](#)
DSa, Duane Facedrive, Canada [SYM11](#)
Duchaine, Caroline S. Laval University, Canada [P03-09](#)
Dumas, Laetitia ILO, Switzerland [ILO Report](#)
Dupper, Ockert ILO, Switzerland [SYM18, ILO Report](#)
Durak, Tolga Massachusetts Institute of Technology, United States of America [P09-10](#)
Duran Salazar, Zuly Red Trabajo Decente, Jovenes, Colombia [Youth Spotlight](#)

Ebuenyi, Ikenna University College Dublin, Ireland [TS1](#)
Edmondson, Melissa Centers for Disease Control and Prevention, United States of America [P11-05](#)
Effenberger, Georg Austrian Workers' Compensation Board (AUVA), Austria [P12-05](#)
Ehnes, Helmut ISSA, Germany [TS5](#)
Eichendorf, Walter German Road Safety Council (DVR), Germany [SYM19](#)
Elnagdy, Hanan Mohamed Fathy Mohamed Mohamed Dibugarh University, India [P02-06](#)
Elsler, Dietmar European Agency for Safety and Health at Work, Spain [P04-08](#)
Emeriau-farges, Clémence Université Du Québec À Trois-rivières, Canada [P03-10](#)
Emsalem, Philippe Avyso, France [P09-11](#)
Endicott, Marion Injured Workers Community Legal Clinic, Canada [SYM6](#)



Englerth, Thomas S & P Global, United States of America [TS5](#)

Enya, Andrew University of Newcastle Australia, Australia [P17-08](#)

Ewing, Fiona Forest Industry Safety Council, New Zealand [TS3](#)

Fagbe, Tubosun University College Dublin (Centre for Safety and Health at Work), Ireland [P01-10](#)

Fairclough, Craig Workplace Safety & Prevention Services, Canada [P04-37](#)

Fasanya, Bankole Purdue University Northwest, United States of America [P09-12](#)

Fendley, Anna ITUC Youth Committee / United Steel Workers / AFL-CIO US, United States of America [Youth Spotlight](#)

Ferron, Marc-Andre Ferron SST, Canada [P17-09](#)

Field, Kate BSI, United Kingdom of Great Britain and Northern Ireland [P09-13, P10-12, P11-06, P14-01, P16-03, P19-04](#)

Fletcher, Carrie CAMH, Canada [P03-11, P09-14](#)

Foulis, Maïa Key Media, Canada [SYM9](#)

France-Massin, Deborah ILO, Switzerland [ILO Report](#)

Fujita, Toshihiro Nippon Electric Control Equipment Industries Association, Japan [P10-13](#)

Fukumura, Yoko University of Southern California Chan Division of Occupational Science and Occupational Therapy, United States of America [P17-10](#)

Gaddis, Scott Intelix Technologies, United States of America [TS6](#)

Galea, Edwin University of Greenwich, United Kingdom of Great Britain and Northern Ireland [SYM11](#)

Galizzi, Monica UMass Lowell, United States of America [P06-05](#)

Garamumhango, Blessing Mimosa Mining Company, Zimbabwe [P09-15, P09-16](#)

Garg, Atul Laserglow Technologies, Canada [P17-11](#)

Gascon, Sylvie Canada [P05-16](#)

Germain, Phillip CEO of the Saskatchewan Workers' Compensation Board, Canada [Youth Spotlight](#)

Ghosh, Ruma V. V. Giri National Labour Institute, India [SYM18](#)

Gilbeau, Audrey Nokiiwin Tribal Council, Canada [SYM2](#)

Gómez García, Antonio Ramón Universidad Espiritu Santo, Ecuador [P08-20](#)

Gómez Sánchez, Viviana Latin-American Association of Occupational Health, Costa Rica [Essential Workers](#)

González, José Raúl Cementos Progreso, Guatemala [SYM19](#)

Gonzalez Jannon, Reyes NESTLE S.A, Switzerland [P05-06](#)

Gorman Ng, Melanie BC Construction Safety Alliance, Canada [P12-06](#)

Goswami, Pranab Kumar Directorate of Industrial Safety and Health (ISH), Labour Department, Government of Delhi., India [P08-05](#)

Gould, Kim Canada Post, Canada [P09-17](#)

Gowan, Nancy Gowan Consulting, Canada [P03-12, P15-03](#)

Grant, Michael CDC/NIOSH, United States of America [P16-04](#)

Green, Janice Berger Paints Jamaica Limited, Jamaica [P10-14, P14-02, P18-03](#)

Greig, Michael Human Factors Engineering Lab, Ryerson University, Canada [P17-12](#)

Grevfors Ernoult, Charlotte European Commission, Luxembourg [SYM3](#)

Haas, Emily CDC National Institute for Occupational Safety and Health (NIOSH), United States of America [P09-18](#), [P17-13](#)

Hadzik, Aleksandra Kasa Rolniczego Ubezpieczenia Społecznego (KRUS), Poland [SYM16](#)

Haghighi, Aida Ryerson University, Canada [P09-19](#)

Hahto, Paul BC Hydro, Canada [P11-07](#)

Hajar, Dee Youth Champion, Singapore [Youth Spotlight](#)

Hakala, Liisa Ministry of Social Affairs and Health, Finland [P01-11](#)

Hallsworth, Robert Rillea Technologies Inc., Canada [P04-09](#)

Halsey, Graham IDMSC UK & Ireland, United Kingdom of Great Britain and Northern Ireland [SYM15](#)

Hamilton, Jillian Lee Manage Damage & Safety Governance Foundation, Australia [TS5](#), [SYM4](#), [P01-12](#)

Harlin, Siena Abdul Latif Jameel Poverty Action Lab (J-PAL), United States of America [SYM18](#)

Hassan, Muhammad Tanveer Softwood (PVT) Limited, Pakistan [P12-07](#)

Hassan, Hassan Beelpro Safety Consult, Nigeria [P06-06](#)

Havaei, Farinaz University of British Columbia, Canada [P02-07](#)

Hedges, Kevin Workplace Health Without Borders, Canada [P10-15](#), [P21-06](#)

Heinlein, Carl American Contractors Insurance Group, United States of America [SYM7](#)

Herrera, Angela Maria Youth Champion, Colombia [TS2](#), [Youth Spotlight](#)

Hervieux, Valérie Université Laval, Canada [P17-14](#)

Hery, Michel INRS, France [TS6](#)

Hesse-Spötter, Martina ISSA, Germany [IMFP](#)

Hidayati, Inayah Research Center for Population LIPI, Indonesia [P17-15](#)

Hitzemann, Rüdiger VBG, Germany [P03-13](#)

Ho, Siong Hin Ministry of Manpower, Singapore [TS4](#), [TS5](#), [SYM10](#), [P18-04](#)

Hojo, Rieko National Institute of Occupational Safety and Health, Japan (JNIOSH), Japan [P07-01](#)

Holbach, Michael Bez Ufr, Germany [P04-10](#)

Holden, Jeremy Public Services Health and Safety Association, Canada [P03-14](#)

Hollands, Lisa University of Vechta, Germany [SYM14](#), [P18-05](#)

Höller, Edlyn German Social Accident Insurance (DGUV), Germany [Global Forum](#)

Holm, Johan Umeå University, Sweden [P01-13](#)

Holness, Linn University of Toronto/St Michael's Hospital, Canada [P08-06](#)

Homann, Helge BG Verkehr, Germany [P17-16](#)

Hon, Chun-Yip Ryerson University, Canada [P11-08](#)

Horrigan, Judith Laurentian University, Canada [P02-08](#)

Horvath, Liz Mental Health Commission of Canada, Canada [SYM3](#)

Hosking, Louise Institution of Occupational Health & Safety (IOSH), United Kingdom of Great Britain and Northern Ireland [SYM5](#)

Howatt, Bill Howatt HR Consulting, Canada [P15-04](#)

Hsiao, Hongwei NIOSH, United States of America [P11-09](#)

Hubner, Marilyn University of Fredericton, Australia [SYM5](#)

Hussaini, Ali Aga Khan University, Pakistan [P10-16](#)

Hussy, Stefan German Social Accident Insurance (DGUV), Germany [Global Forum](#)

Hytönen, Eva Afa Insurance, Sweden [P05-07](#)

Igwe, Marcus Nigerian Television Authority, Nigeria [P06-07](#)

Ilarda, Elisa Western Health, Australia [SYM2](#)

Iqbal, Abdul Rehman Aga Khan University Hospital., Pakistan [P04-11](#)

Irastorza, Xabier European Agency for Safety and Health at Work (EU-OSHA), Spain [P03-15](#), [P04-12](#), [P04-13](#)

Isaka, Irene C. East and Central Africa Social Security Association, United Republic of Tanzania [Global Forum](#)

James, Carole University of Newcastle, Australia [P08-07](#), [P08-08](#), [P08-09](#), [P09-20](#)

Jamil, Malik Muhammad Vision Technologies Corp. Pvt. Ltd., Pakistan [P03-16](#), [P05-08](#), [ISSA Report](#)

Jamil, Ezril Primus Vision Pte Ltd, Singapore [P09-21](#)

Jampen Almazan, Sarah Content Strategist & Storyteller, Canada [Youth Spotlight](#)

Janowitz, Angela KAN – Commission for Occupational Health and Safety and Standardization, Germany [SYM12](#)

Jelenko, Marie AUVA – Austrian Workers' Compensation Board, Austria [P13-02](#)

Johnson, Charles CAS, United Kingdom of Great Britain and Northern Ireland [SYM19](#)

Johnson, Jade Worksafe Victoria, Australia [P14-03](#)

Jonkeren, Evelien ISSA Section on Prevention in Transportation c/o BG Verkehr, Germany [P10-17](#)

Joseph, Dieuboue SCSST – Société camerounaise d'Osh, Cameroon [P04-14](#), [P07-02](#), [P19-05](#)

Joseph, Olajumoke Occupational Safety and Health Department, Federal Ministry of Labour and Employment, Nigeria [P10-18](#)

Judge, Richard Bartlett Judge Associates, United Kingdom of Great Britain and Northern Ireland [TS2](#), [P01-14](#)

Kadiri, Shamusideen Zub Chord Tech Ventures, Nigeria [P01-15](#), [P17-17](#)

Kang, Seong-Kyu Gachon University Gil Medical Center, Republic of Korea [TS1](#)

Kantolahti, Tarja Ministry of Social Affairs and Health, Finland [P10-19](#)

Kapoor, Kiran Workplace Safety & Prevention Services, Canada [SYM12](#)

Kaptue, Joseph Société Camerounaise de Sécurité et santé au Travail (SCSST), Cameroon [P03-17](#)

Karmali, Shazya BC Injury Research and Prevention Unit, Canada [SYM8](#)

Kaur, Parmeet All India Institute of Medical Sciences, New Delhi, India [P08-10](#)

Kayode, John Stephen Universiti Sains Malaysia, Malaysia [P14-04](#)

Kelly, Anthony Canada [P15-13](#)

Kelly, Jim SafeWork NSW, Australia [P17-18](#)

Kennedy, Victoria Washington State Department of Labor and Industries, United States of America [P10-20](#)

Kenny, Glen University of Ottawa, Canada [P14-05](#), [P14-06](#)

Khalil, Sundas Vision Technologies Corp. Pvt. Ltd., Pakistan [ISSA Report](#)

Khan, Noor GIZ, Pakistan [P01-16](#)

Kiconco, Arthur Uganda Martyrs University, Uganda [P04-15](#)

Killip, Shannon McMaster University, Canada [P03-18](#)

Kim, Kyungwoo KOSHA, Republic of Korea [SYM10](#)

Kim, Kyungsu Rural Development Administration, Republic of Korea P16-05
Kines, Pete National Research Centre for the Working Environment, Denmark SYM10, P10-21
Kirsten, Wolf Global Centre for Healthy Workplaces, United States of America SYM17
Kivumbi, Daniel Dumen Orange – Fiduga Flower Farm, Uganda P16-06
Klotz, Maria Institute for Work and Health of the German Social Accident Insurance, Germany P05-09
Konkolewsky, Hans-Horst International ORP Foundation, Spain TS5, SYM10
Korneeva, Yana Northern Arctic Federal University, Russian Federation P03-19
Kuznetsova, Ekaterina All-Russian Labour Scientific and Research Institute, Russian Federation SYM1
Kwaw, Matthew Prime Occupational Health and Safety, Ghana P08-11

La Rosa, AnneMarie ILO, Switzerland SYM18
Lacroix, Michael The Hartford, United States of America P03-20
Ledwez, Nick University of Toronto, Canada P03-21
Lee, Donna Work Health Safety Queensland, Australia P01-17
Lee, Juyeon Dalla Lana School of Public Health, University of Toronto, Republic of Korea P21-07
Lee, Lois Anchor & Reporter, Canada MC
Li, Zhao United States Department of Labor, United States of America SYM1
Lieck, Lothar European Agency for Safety and Health at Work, Spain P01-18
Lim, Jie Xin Nanyang Technological University, Singapore P04-16
Lo, Carol Occupational Safety and Health Council, Hong Kong SAR, China P03-22
Loftus, Carla Sinai Health System, Canada P02-09
Logan, Louise XXII World Congress on Safety & Health at Work, Canada SYM11
Losert, Oswald BG RCI – ISSA Germany Section Chemistry, Germany SYM20
Lu, Jinky National Institutes of Health, University of the Philippines Manila, Philippines SYM21, P04-17, P14-07
Lukander, Kristian Finnish Institute of Occupational Health, Finland P12-08
Lumbreras, Luiz Carlos Under-Secretariat of Labour Inspection, Brazil SYM1

MacEachen, Ellen University of Waterloo, Canada SYM6, P03-23, P06-08, P15-05, P21-08
Madan Kumar, Parangimalai Diwakar Ragas Dental College and Hospital, India P15-06, P15-07
Madani Civi, Manouchehr University of British Columbia, Canada P17-19
Mahmood, Nabeel The Ohio State University, United States of America P01-19, P01-20
Makanjuola, Olakunle Moses The Federal Polytechnic, P. M. B 50, Ilaro, Ogun State, Nigeria., Nigeria P07-03
Makokha, Winnie Kenyatta University, Kenya P21-09
Malenfer, Marc INRS, France TS6
Mandowa, Johanes National Social Security Authority, Zimbabwe P05-10, P09-22, P18-06
Mannella, Janet CCOHS, Canada TS4
Marcelloni, Raffaello Inail, Italy SYM6
Marin, Luz S. Indiana University of Pennsylvania, United States of America SYM2
Martini, Daniela Inail, Italy P06-09
Mate, Isaac Cec Africa Investment Limited, Nigeria P09-23



Mattila-Wiro, Paivi Ministry of Social Affairs and Health, Finland [P15-08](#)

McCool, Meagan SafeWork NSW, Australia [P10-22](#)

McKinnon, John Injured Workers Community Legal Clinic, Canada [SYM6](#)

McLaughlin, Jacqui Reactec Ltd, United Kingdom of Great Britain and Northern Ireland [SYM11](#)

Medina, Mike University of Technology and Applied Sciences, Oman [P09-24](#)

Mehmood, Arshad Saeed Ahmed Awan Centre for Improvement of Working Conditions & Environment (SAACIWCE), Pakistan [P01-21](#)

Michaels, David George Washington U, United States of America [TS4, Essential Workers](#)

Michel, Hélène Grenoble Ecole de Management, France [TS1](#)

Miller, Sandra Workplace Safety & Prevention Services, Canada [P03-50](#)

Milward, Hannah Verisafe, New Zealand [SYM2](#)

Mitchell, Tony QinetiQ, Australia [P18-07](#)

Modenese, Alberto Università degli Studi di Modena e Reggio Emilia, Italy [P13-03](#)

Moll, Sandra McMaster University, Canada [P03-24, P03-25](#)

Monni, Tiina-Mari The Finnish Institute of Occupational Health, Finland [P09-25](#)

Mora, Victoria ACMS, France [P08-12](#)

Moraga, Fernando Depto Ciencias Biomédicas, Facultad de Medicina, Universidad Catolica del Norte, Chile [P04-18, P09-26](#)

Mostosi, Christian Attentia, Belgium [P05-11, P05-17](#)

Moyo, Florence Baines Occupational Health and Safety Services Group, Zimbabwe [SYM21](#)

Muchaka, Tafadzwa National Social Security Authority, Zimbabwe [P01-22](#)

Muchiri, Franklin ILO, Switzerland [TS1, ILO Report](#)

Mudele, Temitope Vacc Technical Limited, Nigeria [P17-20](#)

Mueller, Dana AECOM, Canada [P09-27](#)

Mugaviri, Shingirirayi National Social Security Authority, Zimbabwe [P10-23](#)

Mugume, Francis Mugume Corporation Ltd, Rwanda [Youth Spotlight](#)

Mujahid, Muhammad Saeed Ahmed Awan Centre for Improvement of Working Conditions & Environment (SAACIWCE), Pakistan [P05-12, P09-28, P09-29, P09-30, ISSA Report](#)

Mukaidono, Masao The Institute of Global Safety Promotion, Japan [P11-10](#)

Müller, Karin DEKRA Automobil GmbH, Germany [SYM19](#)

Mullins-Jaime, Charmaine Indiana State University, United States of America [P10-24](#)

Munawa, Jeany City of Toronto, Canada [P10-25](#)

Mustapha, Rilwan Motolani Lagos State University, Nigeria [P14-08](#)

Mustard, Cameron Institute for Work & Health, Canada [TS3, P09-31, P21-10](#)

Mutetwa, Benjamin National Social Security Authority, Zimbabwe [P04-19, P09-32, P16-07](#)

Myers, Kevin International Association of Labour Inspectors, United Kingdom of Great Britain and Northern Ireland [SYM1](#)

Nadine Karelle, Podie Magne Tuete Kwam Isste Cameroon, Cameroon [P16-08](#)

Náfrádi, Bálint ILO, Switzerland [SYM4](#)

Nagasu, Miwako Keio University, Japan [P03-26, P09-33](#)

Newton, Martha ILO, Switzerland [ILO Report](#)

Ndjoulou, Fidèle Université de sherbrooke / Fidelis conseil, Canada [P17-21, P17-22](#)

Ng, John Workplace Safety and Health Council, Singapore [TS3](#)

Nguyen, Quoc Nam Tran Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore [P09-34](#)

Nguyen, Bich Diep National Institute of Occupational & Environmental Health, Viet Nam [P21-11](#)

Nichol, Kathryn Vha Home Healthcare, Canada [P02-10, P09-35](#)

Nickel, Peter Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Germany [P12-09](#)

Niño, Yezid Consejo Colombiano de Seguridad, Colombia [P09-36](#)

Noetel, Karl-Heinz ISSA Construction Section, Germany [TS5](#)

Norgang, Emily Canadian Labour Congress, Canada [SYM14](#)

Nowlan, Graeme Labour Program-Employment and Social Development Canada, Canada [P04-20](#)

Nwaogu, Janet Mayowa The Hong Kong Polytechnic University, Hong Kong Special Administrative Region of China [SYM3, P03-27](#)

Nwauzi, Linus Rivers State University, Nigeria [P17-23](#)

Nyereyegona, Betty Isabel National Social Security Authority Zimbabwe, Zimbabwe [SYM12](#)

Nykänen, Mikko Finnish Institute of Occupational Health, Finland [P08-13](#)

Obidiegwu, Ugochi The Safety Chic Ltd, Nigeria [SYM5](#)

O'Connell, Kimberly Occupational Health Clinics for Ontario Workers, Canada [P10-26](#)

Odeneye, Belinda Office of Environmental Services, Lagos State Ministry of the Environment and Water Resources, Nigeria [P07-04](#)

Olateju, Adijat Lagos State University, Lagos State, Nigeria., Nigeria [P09-37](#)

Olawuwo, Samuel University of Jos, Nigeria [P10-27](#)

Oliveira, Douglas COFCO, Brazil [P11-11, P11-12](#)

Oliver, Erin Modern Niagara Group Inc, Canada [TS4](#)

Ondoga, Priscillah Ropheka Physiotherapy, Uganda [P08-14](#)

Orticio, Raymond B&M Global Services Manila, Inc., Philippines [P17-24](#)

Oudyk, John OHCOW, Canada [P03-28, P03-29, P03-30, P04-21, P11-13, P12-10](#)

Oyinloye, Ayodeji West African Ventures Ltd., Nigeria [P09-38](#)

Pahwa, Manisha McMaster University, Canada [P01-23, P13-04](#)

Pajot, Jeff Public Services Health & Safety Association, Canada [P09-39](#)

Pana-cryan, Regina CDC/NIOSH, United States of America [P10-28](#)

Paquete-Perdigão, Vera ILO, Switzerland [ILO Report](#)

Parent-Thirion, Agnes Eurofound, Ireland [TS6](#)

Park, Doo Yong Korean Occupational Safety and Health Authority, Republic of Korea [TS2](#)

Patry, Rakesh International, Intergovernmental Labour Affairs, ESDC, Canada [SYM14, TS3](#)

Peel, Tara Canadian Labour Congress, Canada [SYM20](#)

Perl, François Solidaris, Belgium [SYM15](#)



Peters, Cheryl Cancer Epidemiology and Prevention Research, Alberta Health Services, Canada [SYM21](#)

Petersen, Jens VBG, Germany [P03-31, P06-10, P13-05](#)

Pfaff, Holger Institute of Medical Sociology, Health Services Research, and Rehabilitation Science, Germany [P03-32](#)

Piedrahita, Laura Universidad Del Valle, Colombia [P04-22](#)

Pike, Ian University of British Columbia and The Community Against Preventable Injuries, Canada [SYM8](#)

Pimbert, Stéphane INRS, France [TS6](#)

Pintado Nunes, Joaquim ILO, Switzerland [TS2, SYM1, SYM18, ILO Report](#)

Poddar, Era Manufacturing Safety Alliance of BC, Canada [P17-25](#)

Polacsek-Ernst, Roland European University of Applied Sciences, Austria [P09-40](#)

Pradipta, Lengga Research Center for Population – Indonesian Institute of Sciences (LIPI), Indonesia [P10-29](#)

Preciado-Serrano, Maria de Lourdes University of Guadalajara, Mexico [P03-33](#)

Quay, Brian CDC/NIOSH, United States of America [P04-23](#)

Ragunathan, Sobi 4S Consulting Services inc., Canada [P11-14](#)

Rahman, Amiyo Scarborough Health Network, Canada [P01-24](#)

Rajak, Rahul International Institute for Population Sciences (IIPS), Mumbai, India [P08-15](#)

Ramirez, Ana Catalina ILO, Switzerland [ILO Report](#)

Ramnanan, Marissa Freelance Reporter / Center for Research-Action on Race Relations, Canada [Youth Spotlight](#)

Ramsey, Jessica NIOSH, United States of America [SYM20](#)

Rana, Somendra Pal Labour Department, Government of NCT of Delhi, India [P11-15, P21-12](#)

Rasheed, Sajid Punjab Employees Social Security Institution (PESSI), Pakistan [P09-41, P13-06, P17-26](#)

Rathee, Indu Tika Ram College of Education, Sonipat, Haryana, India [P03-34](#)

Rauscher, Kimberly Boise State University, United States of America [P02-11, P21-13](#)

Regine, Codron ACMS, France [P15-09](#)

Reinstein, Linda Asbestos Disease Awareness Organization (ADAO), United States of America [P13-07](#)

Richey, Laurence SafeWork NSW, Australia [P09-42](#)

Rinehart, Richard CPWR, United States of America [SYM8](#)

Roberts, Michelle Infrastructure Health & Safety Association, Canada [SYM7](#)

Robinette, Zoe Infinity Assurance Group, United States of America [P09-43](#)

Robson, Lynda Institute for Work & Health, Canada [P05-13](#)

Rodrigue, Michel Mental Health Commission of Canada, Canada [SYM3](#)

Roll, Shawn University of Southern California, United States of America [P17-27](#)

Roscher, Susanne VBG, Germany [P03-35, P03-36, P10-30](#)

Rowe, Andrea Safety Action, Australia [TS6](#)

Roy, Priyanka Directorate of Factories, Department of Labour, India [P06-11](#)

Rubic, Erica SafeWork NSW, Australia [P03-37](#)

RUSEA, Daniela ECO-ARH srl Laboratory of Industrial Toxicology, Romania [P10-31](#)

Rushdieh, Rania Arab Labor Organisation, Egypt [P10-32](#)

Rushton, Lesley Imperial College London, United Kingdom of Great Britain and Northern Ireland [SYM13, P06-12](#)

Ryder, Guy ILO, Switzerland [Youth Spotlight](#)

Rydz, Ela CAREX Canada, Canada [SYM21, P13-08](#)

Saary, Joan Canadian Forces Environmental Medicine Establishment and University of Toronto, Canada [P10-33](#)

Sadi, Sami Israel Institute for Occupational Safety and Hygiene, Israel [P04-24](#)

Sadia, Afreen Aga Khan University, Pakistan [P04-25](#)

Saha, Rajat Kumar Hero Motocorp Ltd, India [P09-44](#)

Sahu, Bimal Indo German Focalpoint, India [P06-13](#)

Sairanen, Sari Unifor, Canada [SYM15, SYM21](#)

Saka, Oladimeji Lagos State Government, Public Service., Nigeria [P19-06](#)

Samant, Yogindra Norwegian Labour Inspection Authority, Norway [SYM21](#)

Samra, Joti MyWorkplaceHealth, Canada [SYM3](#)

Samuel, Oluranti Lagos State University, Ojo, Lagos, Nigeria, Nigeria [P08-16, P16-09](#)

Sandaña, Carlos Universidad Mayor, Chile [P04-26](#)

Sanusi, B. Tola Lagos State Ministry of Justice, Nigeria [P01-25](#)

Sanz- Bustillo Aguirre, Beatriz Dirección General de Armamento y Material – Ministerio de Defensa, Spain [P04-27](#)

Schams, Peter Federal Institute of Occupational Health and Safety, Germany [P04-28](#)

Schäfer, Klaus BGHW, Germany [Essential Workers](#)

Scharf, Ted NIOSH, United States of America [P05-14](#)

Schilling, Nadja BG Verkehr, Germany [SYM7](#)

Schmitt-Howe, Britta Federal Institute for Occupational Safety and Health, Germany [SYM9](#)

Schulte, Kay German Road Safety Council (DVR), Germany [SYM19](#)

Schulte, Paul Centers for Disease Control and Prevention, United States of America [P03-38](#)

Schwaighofer, Peter Austrian Workers' Compensation Board, Austria [SYM7](#)

Schwatka, Natalie University of Colorado Anschutz Medical Campus, United States of America [P09-45](#)

Scongack, James Bruce Power, Canada [Essential Workers](#)

Scotti, Davide Saipem Spa, Italy [SYM5, P09-46, P09-47, P09-48, P10-34, P12-11, P12-12](#)

Seidmann, Vered NTU, Singapore [P17-28](#)

Selyanin, Dmitry International Alliance of Trade Union Organizations "Chrysotile", Russian Federation [P13-09](#)

Seuya, Mercy-Grace Association of Tanzanina Employers, United Republic of Tanzania [Youth Spotlight](#)

Shadaan, Reena York University, Canada [P21-14](#)

Shah, Syed Wajid Ali GIZ – Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH, Pakistan [SYM11](#)

Shahid, Muhammad Directorate General of Labour Welfare (DGLW), Pakistan [P06-14, P06-15](#)

Shan, Desai Memorial University of Newfoundland, Canada [P01-26](#)

Sharma, Sandeep IndianOil Corporation Limited, India [P09-49, P09-50, P12-13, P18-08](#)

Shaw, Duncan Labour Program, Government of Canada, Canada [SYM1](#)

Shimizu, Shoken Jniosh, Japan [P07-05](#)

Siegmann, Silvester Institute for Occupational, Social and Environmental Medicine, Germany P14-09, P21-15

Slack, Roy Cementation Americas, Canada TS5

Slavik, Catherine Occupational Cancer Research Centre, Canada P13-10

Slot, Tegan PSHSA, Canada P03-39

Smith, Peter Institute for Work & Health, Canada TS4, Essential Workers

Sng, Silas Ministry of Manpower, Singapore SYM1, P01-37

Spahn, Arnd Sozialversicherung für Landwirtschaft, Forsten und Gartenbau (SVLFG), Germany SYM16

Srivastava, Madhumita Bokaro General Hospital, Sail, India P06-16

Stevens, Alan Institution of Occupational Safety and Health, United Kingdom of Great Britain and Northern Ireland TS2

Stevenson, Simone Victorian Asbestos Eradication Agency, Australia P04-29, P13-11

Stone, Jonathan Memorial University of Newfoundland, Canada P09-51

Suaznabar, Cecilia Casco Consulting Group, United States of America P10-35

Sunnen, Annick AAA, Luxembourg P10-36

Sweeney, Ellen Atlantic PATH, Dalhousie University, Canada P04-30, P13-12, P13-13

Swingewood, Sally BSI, United Kingdom of Great Britain and Northern Ireland P03-40, P18-09

Tacitano, Marcelo Subsecretariat of Labour Inspection – Ministry of Economy, Brazil SYM18, P01-27, P01-28, P10-37, P10-38

Takala, Jukka International Commission on Occupational Health, Finland TS2

Tamers, Sara CDC/NIOSH, United States of America P17-29

Tanaka, Masaharu Japan Construction Occupational Safety and Health Association, Japan P09-52

Tenkate, Thomas Ryerson University, Canada P11-16, P13-14, P13-15

Teperi, Anna-Maria Finnish Institute of Occupational Health, Finland P09-53

Tetzlaff, Emily Laurentian University, Canada P01-29

Thawerani, Ali Abbas House of Talent Development & Enrichment, Pakistan P01-30

Thorning, Peter Queensland Office of Industrial Relations, Australia P01-31, P01-32, P21-16

Timm, Sven German Social Accident Insurance (DGUV), Germany TS4

Titopoulou, Maria LOT-CONSULT, Bulgaria P08-17, P09-54, P11-17

Tiunn, Hong-Lun University of Rochester, United States of America P01-33

Tizzard, Steve Hibernia Platform (Crosbie Salamis Ltd), Canada SYM3

Tompa, Emile Institute for Work & Health, Canada P04-31, P15-10

Tormin, Eva Pires Labour Inspection Undersecretariat, Brazil P04-32

Tornvig, Lars Arbejdsmiljøcentret Human House A/S, Denmark P05-15

Torsten, Kunz Unfallkasse Hessen, Germany P02-12, P02-13, P03-41

Tregenza, Timothy European Agency for Safety and Health at Work (EU OSHA), Spain SYM12

Treichel, Bernd ISSA, Switzerland ISSA Report

Tremblay, Virginie Canada Post, Canada P09-55

Tria Cusciano, Dalton Fundacentro & Ambra University, Brazil P01-34, P19-07

Twin, Jimmy Institute of Safety Compensation and Recovery Research, Australia P01-35

Ujita, Yuka ILO, Thailand **SYM4**
Upegui, Hector IBM GHHS, International, Germany **TS1**
Uslar, Wolfgang Berufsgenossenschaft Handel und Warenlogistik, Germany **SYM19**
Uusitalo, Hanna Finnish Institute of Occupational Health, Finland **P03-49**
Uvanile-Hesch, Shelley Women's Trucking Federation of Canada, Canada **TS3**

Vacher, Dominique DVConseils, France **P01-36**
Van Bogaert, Donna National Institute for Occupational Safety and Health, United States of America **SYM12**
Van Eerd, Dwayne Institute for Work & Health, Canada **P03-42**
Van hulle, Henrietta Public Services Health and Safety Association, Canada **Essential Workers**
Van Middelaar, Johan TNO, Netherlands **SYM1**
van Nunen, Karolien Delft University of Technology, Netherlands **SYM17**
Varpula, Jaakko University of Turku, Department of Nursing Science, Finland **P04-33**
Vega, Maria-Luz ILO, Switzerland **TS6**
Versteeg, Katelyn University of Waterloo, Canada **P04-34, P14-11**
Villotti, Patrizia UQAM, Canada **P15-11**
Vincent, Joshua Western University, Canada **P15-12**
Vyhmeister, Ricardo Independent Consultant, Chile **SYM9**

Wachnicka-Witzke, Magdalena Kasa Rolniczego Ubezpieczenia Społecznego (KRUS), Poland **SYM16, ISSA Report**
Waheed, Amani Suez Canal University, Egypt **P09-56**
Wallin, Päivi Farmers' Social Insurance Institution Mela, Finland **SYM16**
Weaver, Bodhi Monash University, Australia **P03-43**
Weibel, Jason Imperial Oil Resources, Canada **SYM19**
Weigelt, Anna Afa Försäkring, Sweden **SYM6, P06-17**
Weinbrenner, Susanne German Pension Insurance, Germany **P10-39**
Werner, Christian Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Germany **TS6**
Weston, Sue Comcare, Australia **SYM3**
Wetzstein, Annekatrin DGUV, Germany **P12-14**
Whiffen, Cathy WorkplaceNL, Canada **P11-18**
Williams, Mark The Hartford, United States of America **P08-18**
Williams Jimenez, Ivan Institution of Occupational Safety and Health, United Kingdom of Great Britain and Northern Ireland **P03-44**
Wilson, Larry Safestart(R), Canada **P08-19**
Winters, Troy Canadian Union of Public Employees, Canada **SYM2**
Wittlich, Marc Deutsche Gesetzliche Unfallversicherung E. V., Germany **TS6**
Wong, Imelda CDC/NIOSH, United States of America **SYM11**

Yasar, Selçuk Ministry of Labour and Social Security, Turkey **SYM1**

Yau, Bonnie Occupational Safety and Health Council, Hong Kong Special Administrative Region of China **SYM5**

Yéboué-Kouamé, Brou Yves Social Insurance Institute – National Social Insurance Fund (CNPS), Côte D'Ivoire **ISSA Report**

Yoshikawa, Etsuko Japanese Red Cross Collage of Nursing, Japan **P03-45**

Young, Jody Ministry of Labour, Training and Skills Development, Canada **TS4**

Yu, Yanny Occupational Safety and Health Council, Hong Kong SAR, China **P20-01**

Yuen, Jenny Occupational Safety and Health Council, Hong Kong SAR, China **P10-40, P10-41**

Zambrano Carrillo, Maira Fernanda Universidad Militar Nueva Granada, Universidad de Granada, Colombia **P18-10**

Zelic, Gregory SafeWork NSW, Australia **P04-35**

Zia, Faiza GIZ, Pakistan **SYM12**

Ziembicki, Stephanie Occupational Cancer Research Centre, Canada **P13-16**

Zimmerman, Wolfgang NIDMAR, Canada **SYM15**

Zimmermann, Kyla ENAC, France **P14-12**



Registration and Fees

Be Part of It! Register for the XXII World Congress at safety2021canada.com.

	Until September 10, 2021	After September 10, 2021
Professionals	\$850	\$900
Professionals from Developing Countries	\$300	\$300
Students	\$150	\$150

Registration terms and conditions can be found at on our [registration page](#).

All Fees in Canadian Dollars. Registration fee is subject to 13% Harmonized Sales Tax.



**Safe and
Healthy Working
Conditions**



The Organizers



Your Canadian Co-Hosts

The **Institute for Work & Health (IWH)** is an independent, not-for-profit research organization with a focus on a single mission: to promote, protect and improve the safety and health of working people by conducting actionable research that is valued by employers, workers and policy-makers. The Institute for Work & Health has earned national and international recognition for contributions to a wide range of research areas in worker health protection – from musculoskeletal disorders to vulnerable workers, from return to work to workers' compensation and from workplace prevention practices to occupational health and safety regulatory standards. The Institute has a fundamental commitment to working with our stakeholders to communicate research findings in ways that facilitate application to policy and practice. IWH's work provides impartial, evidence-based guidance to government policy-makers, representatives of workers and employers, occupational health & safety professionals, disability management professionals and clinicians.

iwh.on.ca

The **Canadian Centre for Occupational Health and Safety (CCOHS)** is Canada's national resource for the advancement of workplace health and safety. The Centre promotes the total well-being – physical, psychosocial, and mental health – of working people in Canada by providing information, education, tools, and solutions that encourage attitudes and methods that will lead to improved worker physical and mental health, and prevention of work-related injury and illness. CCOHS makes a wide range of occupational health and safety information as well as training and educational courses readily available. CCOHS partners and collaborates with agencies and organizations from Canada and around the world to improve the quality and quantity of its resources and programs, as well as expand the breadth of usage of occupational health and safety information to many different segments of society. CCOHS is renowned as a credible and authoritative occupational health and safety resource and is a Collaborating Centre of the World Health Organization.

ccohs.ca





The International Labour Organization

The International Labour Organization (ILO) was founded in 1919. It became the first specialized agency of the United Nations in 1946 and has 187 member States. The ILO is committed to promoting human and labour rights, pursuant of its founding principle that social justice is essential to universal and lasting peace.

The ILO sets international labour standards, promotes rights at work, including the right to a safe and healthy working environment, and advocates for decent employment opportunities, enhancement of social protection and the strengthening of social dialogue on work-related issues. These objectives are prioritized in Goal 8 of the 2030 Agenda for Sustainable Development on Decent Work and Economic Growth.

The ILO has a unique governance structure, bringing together governments, employers' and workers' representatives to jointly set international labour standards and to implement policies and programmes promoting decent work for all. Today the ILO has over 600 development cooperation programmes in more than 100 countries that provide assistance to member States and aim to improve people's lives.

The ILO's Secretariat has its headquarters in Geneva, Switzerland, and a global network of field offices in more than 40 countries.

ilo.org



The International Social Security Association

The International Social Security Association (ISSA) is the principal international institution bringing together social security agencies and organisations. The ISSA's aim is to promote dynamic social security as the social dimension in a globalising world by supporting excellence in social security administration. Prevention has been on the ISSA's agenda since its creation in 1927. Bringing together social security and prevention experts from over 340 social security institutions in more than 140 countries, the ISSA offers a global platform and a unique network for all those in social security that are concerned with the health of workers.

The ISSA has its headquarters at the International Labour Office, in Geneva. Beyond the traditional focus on occupational safety and health, the ISSA supports social security policies that foster preventive approaches to protect and promote workers' health and employment in all branches of social security. The ISSA provides access to information, expert advice, business standards, practical guidelines and platforms for members to build and promote dynamic social security systems worldwide.

The vision of dynamic social security provides a framework for the ISSA's action. It refers to social security systems that are accessible, sustainable, adequate, socially inclusive and economically productive, and that are based on performing, well governed, proactive and innovative social security institutions. The ISSA promotes investments in workers' health, by providing good practice information, research, expert advice and platforms for members and other stakeholders to exchange on innovation in workplace health promotion, active employment policies, rehabilitation and reintegration. To implement a range of projects and activities, the ISSA Secretariat works closely with its Technical Commissions, and the Special Commission on Prevention and its unique network of International Prevention Sections.

To learn more about the Special Commission and its Sections, visit issa.int/prevention-sections.

International Organizing Committee

Canada

Dr. Cameron Mustard President, Institute for Work & Health

Ms. Louise Logan National Project Director, XXII World Congress

Mr. Rakesh Patry Director General of International and Intergovernmental Labour Affairs, Government of Canada

Ms. Anne Tennier President, Canadian Centre for Occupational Health and Safety

International Labour Organization

Mr. Joaquim Pintado Nunes Chief, Labour Administration, Labour Inspection and Occupational Safety and Health Branch

Mr. Franklin Muchiri Senior Specialist, Occupational Safety and Health

Dr. Yuka Ujita Senior Specialist, Occupational Safety and Health

Ms. Ana Catalina Ramirez Technical Specialist, Occupational Safety and Health

International Social Security Association

Mr. Marcelo Abi-Ramia Caetano Secretary General, ISSA

Ms. Martina Hesse-Spötter Chair of Special Commission on Prevention, ISSA

Mr. Bernd Treichel Senior Technical Officer in Social Security (Prevention), ISSA

Mr. Walter Eichendorf President, Deutscher Verkehrssicherheitsrat (German Road Safety Council)

Past President – 2017

Er. Siong Hin Ho Senior Director (International WSH) & Vice Dean (School of Regulation), Occupational Safety and Health Division, MOM Academy, Ministry of Manpower, Government of Singapore

Congress President

Dr. Cameron Mustard President, Institute for Work & Health

International Organizing Committee – Secretariat

Ms. Louise Logan National Project Director, XXII World Congress, Canada

Mr. Franklin Muchiri Senior Specialist, Occupational Safety and Health, ILO

Mr. Bernd Treichel Senior Technical Officer in Social Security (Prevention), ISSA

Dr. Yuka Ujita Senior Specialist, Occupational Safety and Health, ILO



Canadian National Advisory Committee

Dr. Cameron Mustard (Chair) President & Senior Scientist, Institute for Work & Health

Mr. Trevor Alexander President & CEO, WCB – Alberta

Mr. John Beckett Vice President of Operations, BC Maritime Employers Association

Mr. Harold Carroll Executive Director, OHS Division, Nova Scotia Department of Labour & Advanced Education (2018–2021) (retired)

Mr. Phil Germain Chief Executive Officer, Saskatchewan Workers' Compensation Board

Ms. Christina Hoy Acting Chief of Strategy and Analytics, Workplace Safety & Insurance Board

Ms. Judy Kainz Director of Prevention and Employer Services, Workers' Safety and Compensation Commission (2018–2020) (retired)

Mr. Ron Kelusky Chief Prevention Officer, Ontario Ministry of Labour, Training and Skills Development

Mr. Kannan Krishnan former Scientific Director, L'institut de recherche en santé et en sécurité du travail (2019–2021)

Mr. Kevin La Freniere Vice President, Marketing, WorkSafeBC

Ms. Marie Larue former President & Chief Executive Officer, L'institut de recherche en santé et en sécurité du travail (2018–2019)

Ms. Louise Logan National Director, XXII World Congress on Safety and Health at Work

Mr. Rakesh Patry Director General, International & Intergovernmental Labour Affairs, Labour Program, Employment and Social Development Canada

Ms. Tara Peel National Representative, Health, Safety & Environment, Canadian Labour Congress

Ms. Sari Sairanen Health and Safety Director, UNIFOR

Dr. Peter Smith Senior Scientist, Institute for Work & Health / Chair, National Scientific Advisors, XXII World Congress

Ms. Anne Tennier President, Canadian Centre for Occupational Health and Safety

Mr. Troy Winters Senior Health and Safety Officer, Canadian Union of Public Employees

Ms. Susanna Zagar former Chief Strategy Officer, Workplace Safety & Insurance Board (2018–2020)

Mr. Wolfgang Zimmermann Executive Director, National Institute of Disability Management and Research

In fond memory of Mr. Frank Saunders, President of the Nuclear Innovation Institute (retired)

Technical Session and Symposia Organizers

Ms. Manal Azzi ILO, Switzerland SYM3, SYM11
Dr. Hans-Jürgen Bischoff ISSA Machine and Systems Safety, Germany T6
Dr. Paul Demers OCRC, Canada SYM13
Ms. Gisela Derrick IOSH, United Kingdom of Great Britain and Northern Ireland SYM5
Mr. Ockert Dupper ILO, Switzerland SYM18
Mr. Helmut Ehnes ISSA Mining Section, Germany T5
Dr. Walter Eichendorf DVR, Germany SYM19
Mrs. Liz Horvath MHCC, Canada SYM3
Mr. Chanho Jin KOSHA, Republic of Korea SYM10
Ms. Evelien Jonkeren BG Verkehr, Germany SYM7
Ms. Louise Logan XXII World Congress on Safety and Health at Work, Canada SYM11
Dr. Oswald Losert BG RCI, Germany SYM20
Mr. Marc Malenfer INRS, France T6
Mr. Darrin McCaskill WorkSafeBC, Canada SYM9
Mr. Franklin Muchiri ILO, Switzerland T1
Dr. Cameron Mustard IWH, Canada T3, T4
Prof. Karl-Heinz Noetel ISSA Construction Section, Germany T5
Ms. Emily Norgang CLC, Canada SYM14
Ms. Tara Peel CLC, Canada SYM20
Mr. François Perl Solidaris, Belgium SYM15
Dr. Ian Pike University of British Columbia, Canada SYM8
Mr. Joaquim Pintado Nunes ILO, Switzerland T2, SYM1
Ms. Sigrid Roth ISSA Trade Section, Germany SYM10
Ms. Sari Sairanen Unifor, Canada SYM21
Dr. Ron Saunders IWH, Canada SYM14
Dr. Nadja Schilling BG Verkehr, Germany SYM7
Mr. Kay Schulte DVR, Germany SYM19
Mr. Alan Stevens IOSH, United Kingdom of Great Britain and Northern Ireland SYM5
Ms. Magdalena Szewczyk KRUS, Poland SYM16
Ms. Anne Tennier CCOHS, Canada T3, T4
Dr. Sven Timm DGUV, Germany SYM12
Dr. Catherine Trask CCHSA, Canada SYM16
Dr. Yuka Ujita ILO, Thailand SYM4, ILO Report
Dr. Donna Van Bogaert NIOSH, United States of America SYM12
Mr. Pierre Vincensini IOE, Switzerland SYM17
Ms. Magdalena Wachnicka-Witzke KRUS, Poland SYM16, ISSA Report
Mr. Troy Winters CUPE, Canada SYM2
Mr. Hiroshi Yamabana ILO, Switzerland SYM6
Mr. Wolfgang Zimmerman NIDMAR, Canada SYM15



Project Team

Ms. Louise Logan
Ms. Mary Cicinelli
Ms. Fareena Khan
Ms. Roberta Carefoote
Ms. Momtaz Begum
Ms. Lynda Brown
Ms. Siobhan Cardoso
Mr. Rodrigo Cokting
Mr. Jan Dvorak
Ms. Nina Hill
Ms. Morgane Le Pouésard
Mr. James Logan
Ms. Sara Macdonald
Ms. Lyudmila Mansurova
Ms. Kathy Padkapayeva
Ms. Hannah Schneider
Ms. Cathy Sir
Ms. Cindy Moser
Ms. Uyen Vu

Session Coordinators

Ms. Laura Alexander
Mr. Paul Andre
Ms. Robin Angel
Dr. Victoria Arrandale
Ms. Candys Ballanger-Michaud
Mr. Andrew Cooper
Mr. Ryan Davis
Mr. Rick Donato
Ms. Tina Dunlop
Dr. Arif Jetha
Ms. Lauranna Ji
Ms. Heather Johnston
Ms. Tara Jukes
Ms. Linda Lai
Mr. David Lindeman
Ms. Sarah Maddia
Mr. Jason McInnis
Ms. Tanya Morose
Ms. Dana Mueller
Ms. Victoria Nadalin
Ms. Kay Nasir
Ms. Madoka Okuma
Mr. Anthony Oyeyi
Mr. Mike Parent
Dr. William (Bill) Pomfret
Mr. Ian Reece
Dr. Lynda Robson
Dr. Ron Saunders
Mr. Chris Serratore
Ms. Colette Severin
Ms. Tegan Slot
Mr. Peter Sturm
Ms. Maggie Tiong
Ms. Sabrina Tonima
Dr. Dwayne Van Eerd
Mr. Paul Wescott
Dr. Basak Yanar
Ms. Frances Ziesmann



External Abstract Reviewers

Dr. Victoria Arrandale Dalla Lana School of Public Health, University of Toronto, Canada
Ms. Samantha Barker Institute for Safety, Compensation and Recovery Research, Australia
Dr. Andrea Chaplin Public Health Ontario, Canada
Dr. Ray Copes Public Health Ontario, Canada
Prof. Andrew Curran HSE, United Kingdom of Great Britain and Northern Ireland
Ms. Marie Defrance INRS, France
Dr. Rolf Ellegast DGUV, Germany
Dr. Leon Genesove Ontario Ministry of Labour, Training and Skills Development, Canada
Er. Siong Hin Ho Ministry of Manpower, Singapore
Dr. Linn Holness St Michael's Hospital / University of Toronto, Canada
Dr. Ross Iles Monash University, Australia
Mr. Xabier Irastorza European Agency for Safety and Health at Work, Spain
Ms. Kiran Kapoor Workplace Safety & Prevention Services, Canada
Dr. Pete Kines The National Research Centre for the Working Environment, Denmark
Dr. Lothar Lieck European Agency for Safety and Health at Work, Spain
Dr. David Michaels George Washington University, United States of America
Dr. Patrick Neumann Ryerson University, Canada
Dr. Deborah Parachin Hydro One, Canada
Dr. Nikhil Rajaram Ontario Ministry of Labour, Training and Skills Development, Canada
Ms. Kim Slade Public Services Health and Safety Association, Canada
Dr. Thomas Tenkate Ryerson University, Canada
Mr. Laurent Theveny INRS, France
Dr. Aaron Thompson St Michael's Hospital / University of Toronto, Canada
Dr. Gregory Wagner Harvard University, United States of America

Sponsors

The Canadian Co-hosts thank all the generous Supporters of the XXII World Congress on Safety and Health at Work. The Supporters are key to the Congress delivering a dynamic and engaging experience and program. Through their support for the Congress, the Supporters are demonstrating their commitment to occupational health and safety worldwide. Thank you.

Platinum



We're here to help.

www.wsib.ca

Platinum

Canada

Fellowship Program



THE FOUNDATION
FOR RESEARCH & EDUCATION
IN WORK & HEALTH STUDIES

Bronze



Braindate



Supporter



Premium



Official Safety Media Partner



Media Sponsor



List of Abbreviations

BCIRPU

British Colombia Injury Research and Prevention Unit (Canada)

BG RCI

Berufsgenossenschaft Rohstoffe und chemische Industrie (Germany)

BGN

Berufsgenossenschaft Nahrungsmittel und Gastgewerbe (Germany)

CCHSA

Canadian Centre for Health and Safety in Agriculture

CCOHS

Canadian Centre for Occupational Health and Safety

CLC

Canadian Labour Congress

CUPE

Canadian Union of Public Employees

DGUV

German Social Accident Insurance (Deutsche Gesetzliche Unfallversicherung)

DVR

Deutscher Verkehrssicherheitsrat e. V. (Germany)

ILO

International Labour Organization

IMFP

International Media Festival for Prevention

INRS

Institut national de recherche et de sécurité (France)

IOE

International Organisation of Employers

IOSH

Institution of Occupational Safety and Health

IRSST

l'Institut de recherche Robert-Sauvé en santé et en sécurité du travail (Canada)

ISSA

International Social Security Association

ISSA Agriculture Section

International Section of the ISSA on Prevention in Agriculture

ISSA Chemistry Section

International Section of the ISSA on Prevention in the Chemical Industry

ISSA Construction Section

International Section of the ISSA on Prevention in the Construction Industry

ISSA Education Section

International Section of the ISSA on Education and Training for Prevention

ISSA Information Section

International Section of the ISSA on Information for Prevention

ISSA Machine and System Safety Section

International Section of the ISSA on Machine and System Safety

ISSA Mining Section

International Section of the ISSA on Prevention in the Mining Industry

ISSA Prevention Culture Section

International Section of the ISSA for a Culture of Prevention

ISSA Research Section

International Section of the ISSA for Research on Prevention

ISSA Trade Section

International Section of the ISSA on Prevention in Trade, Goods Logistics and Port Handling

ISSA Transportation Section

International Section of the ISSA on Prevention in Transportation

IWH

Institute for Work & Health

KOSHA

Korea Occupational Safety & Health Agency

KRUS

Agricultural Social Insurance Fund (Poland)

MHCC

Mental Health Commission of Canada

NIDMAR

National Institute of Disability Management and Research (Canada)

NIOSH

National Institute for Occupational Safety and Health (USA)

OCRC

Occupational Cancer Research Centre (Canada)



XXII World Congress on
Safety and Health
at Work 2021



20–23 September 2021 • Canada

XXII World Congress Planner

International Conference Services Ltd.
1201 West Pender Street, Suite 300
Vancouver, BC, Canada V6E 2V2

Phone: +1 604 681 2153

Fax: +1 604 681 1049

worldcongress2021@icsevents.com

XXII World Congress Creative Partner

C2 International
355 Ste-Catherine West, 7th floor
Montreal, QC, Canada H3B 1A5

Phone: +1 514 380 8755

safety2021canada.com
[@WorldCongressCA](https://twitter.com/WorldCongressCA)

Image Credits

Cover by Lewis Parsons on Unsplash
[iStock.com/Phynart Studio](https://iStock.com/PhynartStudio)
iStock.com/RandyRomano
[thekaikoroiez/Depositphotos.com](https://iStock.com/DepositoPhotos)
iStock.com/zennie
iStock.com/Tempura
iStock.com/alvarez
iStock.com/pixelfit

iStock.com/af_istocker
iStock.com/blackred
iStock.com/onurdongel
iStock.com/shironosov
iStock.com/nito100
iStock.com/hadynyah
[iStock.com/FG Trade](https://iStock.com/FGTrade)
iStock.com/xavierarnau

iStock.com/golero
[iStock.com/Orbon Alija](https://iStock.com/OrbonAlija)
[iStock.com/South_agency](https://iStock.com/SouthAgency)
iStock.com/bee32
iStock.com/GCShutter
iStock.com/YurolaitsAlbert
iStock.com/AnnaStills

