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Download the World Congress App “XXI WCSH” on the App Store or Google Play.
Minister for Manpower, Singapore (MOM)

Vision Zero—A Journey together with Tripartite Partners

Singapore is honoured to host the XXI World Congress on Safety and Health at Work in 2017, together with the International Labour Organization (ILO) and the International Social Security Association (ISSA).

This is the first time that the World Congress is held in Southeast Asia. We hope this will help advance the global agenda on occupational safety and health (OSH) in the region.

Striving for a world with fewer serious or fatal work-related accidents or illness is one of the great challenges that confronts us all. To respond to these challenges, we need to keep ourselves up to date with the latest OSH developments and constantly review existing OSH practices and standards so that they remain relevant. Government must work towards providing a stable business environment supported by strong OSH standards. At the company level, employers and workers should work together to cultivate a safe and healthy working environment as it forms the basis for a more productive and engaged workforce. We can only progress on our journey towards “Vision Zero” through the shared commitment of companies, governments and workers across the globe.

Singapore embraces “Vision Zero”. We launched our “Vision Zero” Movement in 2015 to cultivate the mindset that all injuries and ill health due to work are preventable. Our tripartite partners are focusing on building capabilities and raising awareness at all levels—leaders, supervisors and workers. There is much we can do to make “Vision Zero” pervasive across all sectors of our economy and at all levels of our workforce.

On this challenging journey towards “Vision Zero”, we can and should learn from each other. The World Congress provides a valuable platform for policymakers, employers, unions and OSH experts and practitioners, from across the globe, to discuss, brainstorm, and implement meaningful initiatives in our respective home countries.

I welcome the global OSH community to the World Congress in Singapore in 2017. Let us make our workplaces safer and healthier so that every worker everywhere can go home safely and healthily every day.

Lim Swee Say
Minister for Manpower
Ministry of Manpower, Singapore
The XXI World Congress on Safety and Health at Work 2017 serves as an excellent opportunity to exchange knowledge and experience and set the course for further concrete progress in making workplaces safer and healthier, notably through building a global prevention culture.

Globally, an estimated 2.3 million workers die every year from occupational accidents and work-related diseases. In addition, many millions of workers suffer non-fatal injuries and illnesses. These estimates imply that every day approximately 6,400 people die from occupational accidents or diseases and that 860,000 people are injured on the job.

This represents a colossal social and economic burden for enterprises, communities and countries, not to mention an appalling human and financial problem for workers and their families. The inevitable conclusion is that we have to do better and more, and we can.

Moving towards Vision Zero, preventing all work-related injuries and ill health

The great majority of workplace accidents and diseases is preventable and realizing our vision of zero workplace injuries and sicknesses is possible.

But good intentions have not always been implemented or sustained. While some may be tempted to cut back on occupational safety and health (OSH), especially during an economic downturn, protecting workers is not a luxury to be sacrificed in hard times. OSH is, in fact, an engagement and a responsibility which could add value and give new impetus to the process of economic recovery generating sustainable development and at the same time successful businesses.

Moreover, OSH is a basic human right as well as a labor right. It is our duty to reaffirm the right to a safe working environment for all working people.

The ILO’s standards and development cooperation are part of the important capital that we bring to 186 ILO member States to increase capacity to realize these rights.

The 2017 Congress will discuss and debate how to further instil a culture of preventing work-related ill health, accidents and death. The focus will be on finding solutions, rather than finding fault. It will draw upon milestones such as the Seoul Declaration (XVIII World Congress for Safety and Health at Work, 2008), Istanbul Declaration (XIX World Congress, 2011) and work.

Guy Ryder
Director-General
International Labour Organization (ILO)
Building a global culture of prevention and making Vision Zero a reality

The world of prevention is changing. The good news is that fatalities, caused by occupational accidents, are on the decline in many countries. However, the many diseases which are caused by work are one of the main challenges that we are facing today.

The XXI World Congress on Safety and Health at Work 2017 presents itself as a great opportunity for the international occupational safety and health (OSH) community to tackle the changing world of prevention and advocate a holistic approach to prevention, which addresses occupational accidents and work-related diseases from various angles, one of the key strategies being Vision Zero.

Together with our host, the Ministry of Manpower (MOM) of Singapore, the International Labour Organization (ILO) and other ISSA partners, we believe that a world without a single work-related fatal accident or serious injury is possible. To reach this goal, Vision Zero requires a clear, coherent, concise, cohesive and comprehensive strategy as well as joint efforts at every level. Prevention must become a part of our common culture and be embraced by everyone.

A cornerstone of the Vision Zero strategy must be that all work has health and safety boundaries that should not be crossed. The ISSA calls upon social security institutions to support these processes through prevention measures, incentive programmes, along with other tools that can lead to zero fatalities at the workplace.

A holistic approach to prevention also puts more emphasis on the health of workers. It takes into account that both work-related and non-work related factors are impacting the health and productivity of workers and that the workplace provides excellent opportunities to promote health and prevent diseases. That is why many companies already have workplace health promotion programmes in place. Occupational health services are to play a key role in health promotion. Not only do regular health screenings contribute to reducing the prevalence of chronic diseases, but they allow for early intervention, thus helping to avoid temporary or long term work incapacities.

The ISSA hopes that this Congress will generate a paradigm shift so that one day, a worldwide culture of prevention and Vision Zero becomes a reality. With its Centre for Excellence, the ISSA possesses a powerful instrument to promote the values of prevention to a large community. Furthermore, the ISSA’s Prevention Guidelines, workshops and tools for social security administrations provide support and easy-to-implement solutions that can lead to significant improvements in the area of OSH, workplace health promotion and return to work.

The ISSA and its unique network of Prevention Sections are immensely proud of being the co-organisers of the World Congress. We look forward to welcoming you in Singapore.

Dr Joachim Breuer
President
International Social Security Association (ISSA)
Embracing Vision Zero—Where every accident is preventable

Singapore is proud to host the XXI World Congress on Safety and Health at Work 2017 from 3 to 6 September 2017. As Chairperson of the International Organising Committee, I thank you for joining us in Singapore to exchange ideas, experiences and solutions to advance occupational safety and health (OSH).

At the Singapore Ministry of Manpower, we believe that attention to OSH not only makes good business sense, but is also the socially responsible thing to do. Singapore has made significant progress in workplace safety and health since we revamped our national framework in 2006. A key enabler is a strong culture of safety and health. This starts with a mindset shift—from one of fault-finding to one that focuses on finding solutions to prevent injuries and ill health.

Vision Zero advocates a long-term perspective of OSH. That is why we believe that every company should embrace Vision Zero—where every accident is preventable. We can only achieve this vision with the commitment of every stakeholder—employers, workers, unions and the government.

Together with the International Labour Organization (ILO) and the International Social Security Association (ISSA), we are committed to organising a Congress that will enlighten, enrich, and enhance the learning opportunities for all. It is important that we continue to keep ourselves updated as the working environment is ever-changing. We need to keep ourselves ahead of the curve. The Congress will cover a whole spectrum of topics from changing mindsets and paradigm shifts, to ensuring how we can meet challenges in the future World of Work through the integration of safety and health in an efficient manner. Lastly, protecting workers is at the heart of what OSH is about and hence a people-centred approach is required.

These important topics will be discussed through a wide-ranging programme, such as keynote, technical sessions and symposia complemented by technical and social tours, a International Safety and Health Exhibition as well as many side events. Participants will be updated on the latest global trends and developments, as well as best practices in OSH throughout the Congress. The International Media Festival for Prevention will also showcase various OSH films and multimedia products from all over the world.

We will be creating networking opportunities to help participants meet others from across the world. Do remember to also take some time to explore our beautiful city and take in the sights, sounds and various food and cultural activities that Singapore has to offer.

I welcome you as we work together to create a safe and healthy workplace for all.

Ho Siong Hin
Commissioner for Workplace Safety and Health
Ministry of Manpower, Singapore
Overview

Objectives
- Provides a forum for the exchange of knowledge, practices and experience between participants with the aim of promoting safety and health at work.
- Reinforces and builds networks and alliances while laying the groundwork for cooperation and strengthening relationships among all concerned.
- Provides a platform for the development of knowledge and strategic and practical ideas that can be immediately put into use.

When and Where Do We Meet?
Date 3 to 6 September 2017
Venue Sands Expo and Convention Centre, Marina Bay Sands, Singapore

Who should Attend?
Everyone who is interested and handles workplace safety and health issues at work.
- High-level government officials, high-level decision-makers in the public and private sectors;
- Chief Executive Officers (CEOs) and labour leaders;
- Occupational Safety and Health (OSH) professionals such as safety engineers, safety technicians, occupational hygienists, scientists, and so on;
- Occupational physicians and others dealing with occupational medicine;
- Labour inspectors and safety and health inspectors;
- Instructors, trainers and teachers in the field of OSH education;
- Trade unions, workers and their representatives;
- Employers and their organisations, including human resource (HR) managers;
- Social security institutions;
- Public and private OSH organisations;
- International and regional organisations;
- Manufacturers and importers of safety materials and safety equipment;
- Experts in communication and public relations; and
- Media representatives and journalists.

Other Information

Congress Languages
The official World Congress 2017 languages are English, French, German and Spanish. Simultaneous interpretation will be provided for all keynote and technical sessions. The language of the symposia will be English. Interpretation into other World Congress 2017 languages may be provided.

Website
For more information on World Congress 2017, visit www.safety2017singapore.com

Follow us
Search for “World Congress 2017” on

Organisers
International Labour Organization (ILO)
International Social Security Association (ISSA)
Ministry of Manpower, Singapore (MOM)
Motto and Main Topics

A Global Vision of Prevention

**Topic 1: Vision Zero—From vision to reality**

Vision Zero aims to inculcate a mindset that all injuries and ill-health arising from work are preventable. It calls for a paradigm shift at every level of an organisation, from one of fault-finding, to one that focuses on finding solutions to prevent injuries and ill-health. To achieve this would require commitment from all stakeholders across all levels in the workforce.

**Topic 2: Healthy work—Healthy life**

Our future World of Work is becoming more challenging, complex and fast-paced. Correspondingly, the link between work environment and employees’ health is getting stronger. To improve employees’ health and ensure that they can work longer and live healthier, the interconnected issues of occupational safety and employees’ health are best managed in a comprehensive and integrated manner. The integrated approach is one where employees and employers work together continuously to sustain, protect and promote each other’s safety and health in the workplace.

**Topic 3: People-centred prevention**

Protecting employees is the heart of what occupational safety and health (OSH) is about. To build inclusive workplaces for OSH to thrive, components such as demographic changes, ageing, gender, culture and education are important. To support these efforts, sustainable strategies for the promotion, protection and education of our people are critical.
Map of Venue
Level 4, Sands Expo and Convention Centre
Level 5, Sands Expo and Convention Centre
Level 1, Hall A
International Safety and Health Exhibition

Map of Venue

SAFETY & HEALTH NETWORKING AREA
(F&B PROVIDED FOR DELEGATES)

EXHIBITION SYMPOSIUM AREA

MAIN ENTRANCE

LEGEND
- Education & Consultancy
- Emergency Management
- Health at Work
- Industry Automation and Safety System
- Institutions, Governments and Other Allies
- Personal Protection Equipment

Smart Workplace for Safe and Healthy Workforce
Technology
Work at Height
Singapore Pavilion
Malaysia Pavilion
## Exhibitor Listing

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<th>Booth No.</th>
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<td>E7</td>
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<tr>
<td>A*STAR ICES</td>
<td>D14</td>
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<td>ABSG Consulting Inc. / ABS Group</td>
<td>B13</td>
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<tr>
<td>Akrobat Pte Ltd</td>
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<td>Arbeit Sicher</td>
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<td>ASEAN-OSHNET</td>
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<td>Avetics Global</td>
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<td>BCA</td>
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<td>BPJS Ketenagakerjaan</td>
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<td>Cell Media Elearning Asia</td>
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<td>Certis Cisco</td>
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<td>DNV GL</td>
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<td>German Social Accident Insurance</td>
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<td>Health Promotion Board</td>
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<td>Height Protection Solutions Pte Ltd</td>
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<td>Housing &amp; Development Board</td>
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<td>International SOS</td>
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<td>IOSH</td>
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<td>KOSHA</td>
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<td>Land Transport Authority</td>
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<td>MKRS Group of Companies</td>
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<td>Mobile Workforce Solution</td>
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<td>MPA Singapore</td>
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<td>National Healthcare Group (NHG)</td>
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<td>Safe and Healthy Workforce Showcase</td>
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<td>Sembcorp Marine Ltd</td>
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<td>Singapore Chemical Industry Council Limited (SCIC)</td>
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<td>TSI Incorporated</td>
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<td>UL EHS Sustainability</td>
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<td>Zoll Medical Singapore</td>
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The World Congress 2017 programme includes an opening and closing ceremony, keynote speeches, technical sessions, special events and symposia. Poster presentations, industrial visits, an accompanying trade fair and the International Media Festival for Prevention are also held concurrently as part of the Congress.

**Schedule**
For an overview of the schedule for the XXI World Congress.

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**Opening Ceremony**
The Opening Ceremony of the Congress will kick off in the afternoon on 3 September 2017 at Marina Bay Sands, Sands Grand Ballroom on Level 5. The Guest-of-Honour, Singapore’s Prime Minister Mr Lee Hsien Loong, will deliver a welcome speech at the ceremony to set the stage for the XXI World Congress for Safety and Health at Work 2017. All Congress delegates and registered accompanying persons are invited to attend the Opening Ceremony and Welcome Reception that follows. This is an excellent networking opportunity for Congress delegates to further relationships amongst the safety and health community.

**Keynote Speeches and Technical Sessions**
Keynote speeches that will be presented at the World Congress 2017 will revolve around the main topics; Vision Zero — From vision to reality (K1), Healthy work — Healthy life (K2) and People-centred prevention (K3). Three keynote speakers from diverse backgrounds have been invited from United States of America, Finland and Singapore to address these topics: Michael López Alegría, Former Commander of the International Space Station (K1); Pirkko Mattila, Minister of Health and Social Affairs (K2) and Heng Chiang Gnee, Chairman of Workplace Safety and Health Council (K3).

There will also be six technical sessions, subdivided under the three main topics, focusing on different aspects of OSH strategies and best practices. The sessions are organised and presented by representatives from the International Labour Organization, the International Social Security Association and the Ministry of Manpower, Singapore.

>> see page 22, 23, 32, 33

**Symposia**
Around 200 highly qualified presenters from all over the world will share their insight and expertise in 32 symposia. A broad and comprehensive programme focusing on prevention awaits you.

>> see page 24, 34, 42

**Poster Exhibition**
The Poster session of the Congress is organised in line with various topics of discussion in the Symposia to provide an opportunity for more papers to be presented. The Poster session will run throughout the Congress and will be co-located with the Congress proceedings.

>> see page 52, 65

**International Media Festival for Prevention**
The International Media Festival provides Congress participants an overview of the wide range of workplace safety and health films and multimedia products from all over the world. An international jury of experts will present awards at the Congress to the best contributions.

>> see page 69
SafeYouth@Work Congress
The SafeYouth@Work Congress seeks to highlight the critical need for awareness of safety and health issues for youth in the workplace, by bringing their voice to the XXI World Congress on Safety and Health at Work. More than 120 Youth Champions from around the world, aged 18-24, will be taking part in the SafeYouth@Work Congress, engage broader World Congress participants, to become agents of change for SafeYouth@Work in their home countries.

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International Safety and Health Exhibition
A safety and health at work exhibition is held concurrently as a supporting event for the XXI World Congress. Over 85 exhibitors are expected at the exhibition that will showcase the latest innovations and developments in safety and health.

There will be a line-up of exhibition symposiums held in the exhibition hall over the duration of the congress that will focus on the practical application of these technologies in the workplace. Exhibition highlights include the WSH Technology Showcase and the WSH Technology Challenge.

The exhibition is opened to all trade visitors.

>> see page 10

Technical Tours
The Organisers have lined up technical tours as part of the Congress programme to enrich delegates’ appreciation of the key industries and occupational safety and health developments in this region.

>> see page 80

Social Tours
Singapore is a melting pot of diverse cultures and religions that offers a plethora of delectable culinary delights and numerous attractions that would satisfy one’s yearning for adventure.

>> see page 89

Closing Ceremony
The Closing Ceremony will take place in the morning on 6 September 2017 at the Sands Grand Ballroom. The Ceremony will summarise key highlights and outcomes from the XXI World Congress, and close with a handover ceremony to the next World Congress organiser. In addition, a youth ambassador from the SafeYouth@Work Congress will present outcomes from their discussions at the closing ceremony.

Singapore Night
All delegates and registered accompanying persons (except delegates who registered as Students) are invited to attend our Singapore Night, on the evening of 5 September 2017 at the Sands Grand Ballroom. Performances have been lined up to give delegates a chance to experience Singapore’s multicultural heritage while savouring a delicious dinner.
International Media Festival for Prevention (IMFP)

The International Media Festival for Prevention (IMFP) is held within the framework of the XXI World Congress on Safety and Health at Work 2017. Where viewing patterns and technical possibilities are constantly changing, producers of media content are encouraged to keep themselves updated. The Media Festival is a unique platform for attendees to learn more about the production, targeted use and impact of a variety of different media, as well as network with film makers, producers and editors.

This year, we have received 235 submissions, films and multimedia productions, from 38 countries. After a long deliberation, 38 films and 10 multimedia products were selected. All nominated productions will be screened at the IMFP Cinema. The festival will also feature information on the respective projects, interviews with producers and discussions with the audience.

The list of nominated contributions, along with additional information, is available at www.safety2017singapore.com

Special Media Session

The special media session for the IMFP is held on 4 September, 09:00 – 10:00, at the Grand Ballroom. It will be hosted by moderator Chris Brow and Martina Hesse-Spötter, Secretary General of the ISSA Section Electricity.

The highlight of the special media session will be the awarding of the nine best media productions for the IMFP. These award winners will be selected by an international jury and be presented with the International Media Award for Prevention.

True to the festival’s motto “Media can”, the special media session will also showcase animations, selected productions from around the world and illustrate why media is a vital part of effective occupational safety and health through the voices of the producers.
# Programme Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Sunday 3 Sep 2017</th>
<th>Monday 4 Sep 2017</th>
<th>Tuesday 5 Sep 2017</th>
<th>Wednesday 6 Sep 2017</th>
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<tbody>
<tr>
<td>09:00 – 10:00</td>
<td><strong>International Media Festival for Prevention</strong></td>
<td>09:30 – 10:00 <strong>Keynote</strong> K3</td>
<td>09:00 – 11:00 <strong>Symposia</strong> S07, S08, S09, S13, S14, S17, S18, S20, S21, S29</td>
<td>11:30 – 13:00 <strong>Closing Ceremony</strong></td>
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<tr>
<td>10:00 – 10:30</td>
<td><strong>Coffee Break</strong></td>
<td>10:00 – 10:30 <strong>Coffee Break</strong></td>
<td>10:00 – 10:30 <strong>Coffee Break</strong></td>
<td>11:00 – 11:30 <strong>Coffee Break</strong></td>
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<tr>
<td>10:30 – 11:30</td>
<td><strong>Reports by ILO and ISSA</strong></td>
<td>10:30 – 12:30 <strong>Technical Sessions</strong> T2, T4, T5</td>
<td></td>
<td>11:30 – 13:00 <strong>Coffee Break</strong></td>
</tr>
<tr>
<td>11:30 – 12:30</td>
<td><strong>Keynotes</strong> K1, K2</td>
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<td>11:30 – 13:00 <strong>Closing Ceremony</strong></td>
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<tr>
<td>13:30 – 15:30</td>
<td><strong>Technical Sessions</strong> T1, T3, T6</td>
<td>13:30 – 15:30 <strong>SafeYouth@Work Dialogue</strong></td>
<td>13:30 – 15:30 <strong>SafeYouth@Work Dialogue</strong></td>
<td>13:00 – 14:00 <strong>Lunch</strong></td>
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<td>15:30 – 16:00</td>
<td><strong>Coffee Break</strong></td>
<td>15:30 – 16:00 <strong>Coffee Break</strong></td>
<td>15:30 – 16:00 <strong>Coffee Break</strong></td>
<td>14:00 – 18:00 <strong>Technical Tours</strong></td>
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<tr>
<td>16:30 – 18:30</td>
<td><strong>Opening Ceremony</strong></td>
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<tr>
<td>18:30 – 21:00</td>
<td><strong>Welcome Cocktail Reception</strong></td>
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<td>18:30 – 22:00 <strong>Singapore Night</strong></td>
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</table>

**Concurrent Activities**
- International Media Festival for Prevention
- International Safety and Health Exhibition
- Poster Exhibition
- SafeYouth@Work Congress
# DAY 1 (Sunday, 3 September 2017)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 – 20:00</td>
<td>Registration</td>
<td>Level 1, Outside Hall A</td>
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<td>Level 4, Foyer</td>
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<tr>
<td>16:30 – 18:30</td>
<td><strong>Opening Ceremony</strong></td>
<td>Level 5, Sands Grand Ballroom</td>
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<tr>
<td></td>
<td><strong>Ho Siong Hin</strong></td>
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<tr>
<td></td>
<td>President</td>
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<td></td>
<td>XXI World Congress on Safety and Health at Work 2017</td>
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<td>Singapore</td>
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<td></td>
<td><strong>Global Leaders Roundtable</strong></td>
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<td></td>
<td><strong>Welcome Addresses by Co-organisers</strong></td>
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<td></td>
<td><strong>Guy Ryder</strong></td>
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<td>Director General</td>
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<td>International Labour Organization (ILO)</td>
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<td>Switzerland</td>
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<td><strong>Dr Joachim Breuer</strong></td>
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<td>President</td>
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<td>International Social Security Association (ISSA)</td>
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<td></td>
<td><strong>Opening Address by the Guest-of-Honour</strong></td>
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<td><strong>Lee Hsien Loong</strong></td>
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<td></td>
<td>Prime Minister of Singapore</td>
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<td></td>
<td><strong>Launch of World Congress 2017</strong></td>
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<tr>
<td>18:30 – 21:00</td>
<td><strong>Welcome Cocktail Reception</strong></td>
<td>Level 5, Sands Grand Ballroom Foyer</td>
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### DAY 2 (Monday, 4 September 2017)

<table>
<thead>
<tr>
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<th>Location</th>
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<tr>
<td>08:00 – 18:00</td>
<td>Registration</td>
<td>Level 4, Foyer</td>
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<tr>
<td>09:00 – 10:00</td>
<td>International Media Festival for Prevention Special Media Session</td>
<td>Level 5, Sands Grand Ballroom</td>
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<td>10:00 – 10:30</td>
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<tr>
<td>10:30 – 11:30</td>
<td>Reports by ILO and ISSA</td>
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<tr>
<td></td>
<td>Nancy Leppink</td>
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<td></td>
<td>Chief of the Labour Administration</td>
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<td>Labour Inspection and Occupational Safety and Health Branch</td>
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<td>International Labour Organization, Switzerland</td>
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<td></td>
<td>Hans-Horst Konkolewsky</td>
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<td></td>
<td>Secretary General</td>
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<td>International Social Security Association, Switzerland</td>
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<tr>
<td>11:30 – 12:30</td>
<td>Keynotes</td>
<td>Level 5, Sands Grand Ballroom</td>
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<tr>
<td></td>
<td>K1: Vision Zero — From vision to reality</td>
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<td>K2: Healthy work — Healthy life</td>
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<td>12:30 – 13:30</td>
<td>Lunch</td>
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<td>13:30 – 15:30</td>
<td>Technical Sessions</td>
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<tr>
<td></td>
<td>T1: Vision Zero</td>
<td>Level 4, Melati 4001B</td>
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<td></td>
<td>T3: Compliance strategies and good practices on occupational safety</td>
<td>Level 4, Orchid 4203</td>
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<td>and health</td>
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<td>T6: Regional approaches to a safe and healthy workplace</td>
<td>Level 4, Peony 4403</td>
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<td>15:30 – 16:00</td>
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<tr>
<td>16:00 – 18:00</td>
<td>Symposia</td>
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<td>S01. Successful prevention strategies on OSH</td>
<td>Level 4, Roselle Jr. 4611</td>
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<td>S04. OSH in agriculture: Traditional and emerging risks</td>
<td>Level 4, Simpor Jr. 4811</td>
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<td>S05. OSH in the new digital world</td>
<td>Level 4, Roselle Jr. 4711</td>
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<td>S06. OSH in the application of nanotechnologies</td>
<td>Level 4, Orchid Jr. 4211</td>
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<td>S11. Prevention pays! The role of accident insurance and the return to</td>
<td>Level 4, Melati 4001B</td>
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<td>S12. A culture of prevention on OSH</td>
<td>Level 4, Orchid Jr. 4311</td>
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<td>S16. What is required for effective OSH training?</td>
<td>Level 4, Simpor Jr. 4911</td>
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<td>S22. State of OSH knowledge development and networking</td>
<td>Level 4, Peony 4501A</td>
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<td>S24. Prevention of occupational cancer</td>
<td>Level 4, Orchid 4203</td>
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<td>S30. Modern OSH inspection practices</td>
<td>Level 4, Peony 4401B</td>
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<td>S31. Innovative approaches to OSH-I</td>
<td>Level 4, Peony 4403</td>
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</table>

### Concurrent Activities:
- International Media Festival for Prevention
- International Safety and Health Exhibition
- Poster Exhibition
- SafeYouth@Work Congress
DAY 2 (Monday, 4 September 2017)

Keynotes

K1 11:30 – 12:00

Vision Zero — From vision to reality

Michael López Alegría
Former Commander of the International Space Station, United States of America

K2 12:00 – 12:30

Healthy work — Healthy life

Pirkko Mattila
Minister, Ministry of Health and Social Affairs, Finland

Technical Sessions

T1 13:30 – 15:30

ISSA

Vision Zero

Chair/ Moderator: Dr Walter Eichendorf, Germany

Introduction to the session • Dr Walter Eichendorf, Germany
  • Keynote: Why companies should support Vision Zero • Patrick Murphy, Australia

Supporting Vision Zero — The companies (moderated discussion)
  • SP’s journey to world-class safety
    • Wong Chit Sieng, Singapore;
    • José Raúl González, Guatemala;
    • Brian Long, Australia

Supporting Vision Zero — The organisations (moderated discussion)
  • Social Security Institution • Cristian Moraga Torres, Chile;
  • OSH Institute • Cameron Mustard, Canada;
  • Ministry of Manpower • Er Ho Siong Hin, Singapore

Vision Zero Media Wall – Overview of what has happened: How did the community responded to the ISSA Vision Zero Campaign launch, Twitter messages, and so on.
  • Supporting Vision Zero — Moving forward (moderated discussion)
  • Training on leadership • Shelley Frost, United Kingdom
  • Vision Zero products • Helmut Ehnes, Germany

Closing
DAY 2 (Monday, 4 September 2017)

T3
13:30 – 15:30
ILO

Compliance strategies and good practices on OSH

Chair/ Moderator: David Clarke, Australia

Introduction to the session • David Clarke, Australia

• Compliance and beyond: US approaches to increase compliance and encourage employers to embrace safety management • Dr David Michaels, United States of America
• Risk management system
• Labour inspection campaign as a new tool for compliance in Vietnam • Nguyen Tien Tung, Viet Nam
• New strategies to enhance a voluntary approach for occupational safety and health: The case of Japan • Dr Shojiro Yasui, Japan
• Deliver the future of HSE in the United Kingdom • Dr Richard Judge, United Kingdom
• Promote establishment of hazard identification and control system, Innovate preventive OSH inspection • Li Zheng, People’s Republic of China
• Debate • All experts

Closing

T6
13:30 – 15:30
MOM, Singapore

Regional approaches to a safe and healthy workplace

Chair / Moderator: Kevin Myers, United Kingdom

Introduction to the session and sharing on the importance of adopting regional approaches to a safe and healthy workplace • Kevin Myers, United Kingdom

Sharing from different regions on their approaches

• The European Union approach to a safe and healthy workplace • Dr Christa Sedlatschek, Spain
• ASEAN-OSHNET — A regional cooperation • YBhg Dato’ Ir. Mohtar bin Musri, Malaysia
• Regional approach to create safe and healthy workplace — Hong Kong’s Experience • Dr Alan Chan, Hong Kong
• Advancing the workers’ health agenda in the Americas • Dr Julietta Rodriguez Guzman, United States of America
• Collaborative efforts to promote occupational safety and health in the U.S. • William G. Perry, United States of America
• Current trends and approaches on occupational safety and health in Africa • Dr Franklin Muchiri, Switzerland

Enhancing regional cooperation — Moving forward

• Moderated dialogue session and questions from audience • All experts

Closing • Kevin Myers, United Kingdom
Symposia Topics

**S01**  
*16:00 – 18:00*  
DGUV  
*Level 4, Roselle Jr. 4611*

### Successful prevention strategies on OSH

**Chair:** Dr Walter Eichendorf, Germany  
**Moderators:** Sabine Herbst, Germany; Karl-Josef Thielen, Germany

- Welcome and introduction to the session  
  • Sabine Herbst, Germany; Karl-Josef Thielen, Germany  
- Contribution of effective prevention strategies to Vision Zero — Interview  
  • Dr Walter Eichendorf, Germany  
- Establishing a nationwide culture of prevention to achieve Vision Zero — By the German Social Accident Insurance  
  • Gregor Doepke, Germany  
- National strategy “Vision Zero” in Luxembourg  
  • Dr Annick Sunnen, Luxembourg  
- Safety education for engineering students to improve OSH in global supply chains  
  • Dr Anis Haque, Canada  
- Zero incidents is possible... But how?  
  • Prof José Raúl González, Guatemala  
- Human and organizational performance — Industry case studied  
  • Dr Mei-Li Lin, United States of America  
- Global best practice OSH benchmarking: A case study  
  • Alena Titterton, Australia  
- Explore fantastic dive sites all over the world — Key factors for successful prevention strategies seen from different perspectives  
  • Dr Walter Eichendorf, Germany

### S04  
*16:00 – 18:00*  
ISSA Agriculture Section, DLPW (Thailand)  
*Level 4, Simpor Jr. 4811*

### OSH in agriculture: Traditional and emerging risks

**Chair:** Prof Pornpimol Kongtip, Thailand

- Introduction of session and opening address  
  • Prof Pornpimol Kongtip, Thailand; Eric Van Daele, France  
- Agricultural health and safety: Global perspectives  
  • Prof Susan Woskie, United States of America  
- Review on checklists on farmers’ occupational health and safety with systems of safety  
  • Hyocher Kim, Republic of Korea  
- “Let’s talk about work” — An action of prevention of psychosocial risks addressed at farmers  
  • Cayon Magalie, France  
- Contribution of occupational hazard assessment in the prevention of hazardous child labour in agriculture in Democratic Republic of Congo  
  • Dr Dieuboue Joseph, Cameroon  
- Effectiveness of prevention in the field of occupational accidents and diseases in agriculture  
  • Magdalena Wachnicka-Witzke, Poland  
- Blood Cholinesterase level and its association with neurobehavioral performance due to insecticide exposure among male cocoa farmers in Malaysia  
  • Norsyazwani Mohammad, Malaysia  
- Measuring of sun exposure: The SVLFG runs a measuring campaign for the prevention of UV-related skin cancer  
  • Arnd Spahn, Germany

- Moderated dialogue session  
  • All presenters  
- Closing remarks  
  • Magdalena Wachnicka-Witzke, Poland
DAY 2 (Monday, 4 September 2017)

S05
16:00 – 18:00
ISSA Machine and System Safety Section

OSH in the new digital world

Moderators: Prof Hana Pacaiova, Slovakia

Introduction of session • Jürgen Schulin, Germany

• Changes and challenges for prevention: Experiences gained and new approaches • Dr Liliana Frusteri, Italy
• Efficient risk management as part of digitalisation in the production technologies (processes) within the context of philosophy industry 4.0 • Prof Juraj Sinay, Slovakia; Prof Hana Pacaiova, Slovakia
• Smart manufacturing and safe machines • Otto Görnemann, Germany
• INRS foresight study on Uberisation by 2025 • Marie Defrance, France
• The future safety & health professional • Cameron Stevens, Australia
• Relevance of human and social capital in the new digital world • Liisa Hakala, Finland

Discussion and closing • Prof Juraj Sinay, Slovakia

S06
16:00 – 18:00
IOM Singapore

OSH in the application of nanotechnologies

Moderator: Prof Dr Michael Riediker, Singapore

Introduction of session

• NECID — Nano exposure and contextual information database • Johannes Pelzer, Germany
• Knowledge gaps in fate, exposure, and environmental risk assessment of engineered metal oxide nanomaterials: A review and perspective • Dr Kavitha Palaniappan, Singapore
• Improvement of control banding nanotool by adding new probability parameters • Hülya Ünver, Turkey
• Improving health and safety under uncertainty. The use of work debate committees to prevent nanomaterials risks • Sandrine Caroly, France
• OECD WPMN dossiers: Availability of data to evaluate and regulate risk • Prof Dr Michael Riediker, Singapore

Moderated dialogue session and closing
**Programme**

**DAY 2 (Monday, 4 September 2017)**

### S11
16:00 – 18:00
ISSA Technical Commission on Insurance against Employment Accidents and Occupational Diseases

**Prevention pays! The role of accident insurance and the return on work reintegration**

*Moderator: Philippe Conus, Switzerland*

**Introduction to the session** • Gregor Kemper, Germany

- Two ISSA studies calculating the benefits of prevention and work reintegration • Nicolas Echarti, Germany
- Stakeholder forum — The return on prevention and work reintegration [moderated discussion (approx. 45 mins)]
  - Employer • Zel Hunter, United States of America
  - Social security • Dato' Dr. Mohammed Azman Bin Dato’ Aziz Mohammed, Malaysia
  - State/ society • Derek Teo, Singapore

**Five interventions each followed by brief discussion**

- Creating a financial relevance • Jillian Hamilton, Australia
- Minimum standards on prevention, diagnosis and treatment of work-related and occupational skin diseases (OSD) in Europe: A consensus-based approach • Patricia Weinert, Germany; Jose Hemán Alfonso, Norway
- DGUV job — A specialized employment service for people with a disability • Edlyn Hoeller, Germany; Stefanie Palfner, Germany
- Importance of improving the level of social protection efficiency from the perspective of prevention of occupational accidents and diseases • Gokhan Ofluoglu, Turkey
- What's in for me? — Return to Work from stakeholders’ perspectives • Phillip Germain, Canada

Discussion, summary and closing

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### S12
16:00 – 18:00
KOSHA, ILO, ISSA

**A culture of prevention on OSH**

*Chairperson: Dr Young Soon Lee, Republic of Korea
Moderator: Lisa Fowlie, United Kingdom*

**Introduction to session** • Dr Young Soon Lee, Republic of Korea

- International leading indicators for a culture of prevention • Dr Ulrike Bollmann, Germany
- The role of government towards a culture of prevention • Er Mohd Ismadi, Singapore
- Culture of prevention and ISSA's future direction: Vision Zero • Bernd Treichel, Switzerland
- KOSHA's activities for Culture of Prevention and its future direction • Dr Injae Shin, Republic of Korea
- From Vision Zero to the right way • Lawrence Waterman, United Kingdom
- Nordgold's focus on safety: Creating a culture of prevention in a multinational mining company • Igor Shelukhin, Russia

Moderated dialogue session and closing • All presenters
DAY 2 (Monday, 4 September 2017)

S16  
16:00 – 18:00  
ISSA Education and Training Section  
Level 4, Simpor Jr. 4911

**What is required for effective OSH training?**

*Chairperson: Shelley Frost, United Kingdom*

**Introduction to session and welcome** • Shelley Frost, United Kingdom

**Facilitated panel discussion:**
- Vision Zero improve qualification — Develop competence • Ulrich Buerkert, Germany
- Measuring the impact of learning on business performance • Nicholas Bahr, Singapore
- Successful global training implementation: A case study • Regina McMichael, United States of America
- Andragogy concepts application for OSH trainings: A Brazilian experience • Caroline Passuello, Brazil
- Training/ retraining needs for quarry women labourers in Abakaliki Nigeria: Best safety and health at work approach • Ugochukwu Chinonso, Nigeria
- Keynote presentation — ISSA Training for Vision Zero • Shelley Frost, United Kingdom; Helmut Ehnes, Germany

**Q&A** • Summary and closing

S22  
16:00 – 18:00  
ILO  
Level 4, Peony 4501A

**State of OSH knowledge development and networking**

*Chairperson: Dr Margaret Kitt, United States of America*

*Moderator: Claude Donald Loiselle, Switzerland*

**Introduction to session** • Dr Margaret Kitt, United States of America; Claude Donald Loiselle, Switzerland

- Understanding regional network through a multiple case study analysis • Prof Jorma Rantanen, Finland
- Partnership for European Research in Occupational Safety and Health (PEROSH) • Prof Dietmar Reinert, Germany
- Scope of research being conducted by global organizations engaged in OSH knowledge development • Dr Sara Luckhaupt, United States of America
- Recognition and assessment of OSH research needs and priorities based on the perspective of the European OSH research community • Dr Diana Gagliardi, Italy
- Contribution of professional associations to the development of occupational safety and health in developing countries: Case study of Cameroon • Dr Joseph Silvere Kaptue, Cameroon

**Moderated dialogue session and closing** • All presenters
**Prevention of occupational cancer**

Moderators: Dr Jukka Takala, Singapore; Prof Sergio Iavicoli, Italy; Prof Jorma Rantanen, Finland

**Opening addresses**

- What can be done to prevent occupational cancer — European view • Michel Servoz, France
- Experiences in elimination of occupational cancer exposures in Finland • Pirkko Mattila, Finland
- Identification of occupational carcinogens. The IARC monographs as the basis for estimating the burden of occupational cancer • Dr Kurt Straif, Switzerland
- Estimating the burden of cancer arising from occupational exposure to carcinogens • Prof Tim Driscoll, Australia
- Recent status of mesothelioma and countermeasures on asbestos-related cancer at global and national levels • Prof Ken Takahashi, Australia
- U.S. experience in prevention and control of occupational cancers • Linda Reinstein, United States of America
- Respirable crystalline silica prevention — A global role for the NEPSI Project • Martin Isles, United Kingdom
- Asbestos regulation in Australia as a template in the global campaign • Michael Borowick, Australia
- Good practice examples from the No Time To Lose Campaign in action • Graham Parker, United Kingdom
- Roadmap on carcinogens • Jos de Lange, Netherlands
- Eliminating exposures, preventing occupational cancer — A global programme • Dr Jukka Takala, Singapore; Prof Sergio Iavicoli, Italy; Prof Jorma Rantanen, Finland

Moderated dialogue session and closing

**Modern OSH inspection practices**

Chairperson: Kevin Myers, United Kingdom
Moderator: Shi Yanping, People’s Republic of China

**Introduction to session** • Kevin Myers, United Kingdom

- Electronic services in labour inspection’s activity in the Russian Federation • Ivan Shklovets, Russia
- Modern OSH inspection process through the utilization of the Philippines Labor Laws Compliance System-Management Information System (LLCS-MIS) • Dr Maria Teresita S. Cucueco, Philippines
- An evaluation on occupational accidents occur falling from high places or into depths • Deniz Akarsu, Turkey
- Preventing psychosocial risks at work: An evaluation study of labour inspectorate interventions • Rafaël Weissbrodt, Switzerland
- Modern OSH inspection approach and practices in China • Wu Yanyun, People’s Republic of China
- Challenges of labour inspectorates faced in a permanently work-life change • Marco Boly, Luxembourg
- OSH inspections in Brazil: Mobile groups and special actions • Eva Patrícia Gonçalo Pires, Brazil

Moderated dialogue session and closing
DAY 2 (Monday, 4 September 2017)

S31
16:00 – 18:00
MOM, Singapore

Innovative approaches to OSH-I

Chairperson: Yam Ah Mee, Singapore

Introduction to the session • Yam Ah Mee, Singapore

• The yin-yang in workplace safety and health (WSH) management: the Singapore context • Low Wong Fook, Singapore

• Innovations in safety and health in public housing developments in Hong Kong • Ada Fung, Hong Kong

• Future direction of construction safety and health management • Dr Yasuo Toyosawa, Japan

• Indonesia innovative approach on OSH implementation • Dr M. Iswandi Hari, Indonesia

• Holistic approach of Project Safety Review (PSR) and Activity Based Safety Improvement System (ABSIS) • Michael Chin Yong Kok, Singapore

• The "safety case” regulatory regime, its potentials and challenges: Implications for Singapore and other countries • Prof Najmedin Meshkati, United States of America

Moderated dialogue session and closing
# Programme

## DAY 3  (Tuesday, 5 September 2017)

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<tr>
<th>Time</th>
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<tr>
<td>08:00 – 18:00</td>
<td>Registration</td>
<td>Level 4, Foyer</td>
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<tr>
<td>09:30 – 10:00</td>
<td><strong>Keynote</strong>&lt;br&gt;K3: People-centred prevention</td>
<td>Level 5, Sands Grand Ballroom</td>
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<td>10:00 – 10:30</td>
<td>Coffee Break</td>
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<tr>
<td>10:30 – 12:30</td>
<td><strong>Technical Sessions</strong>&lt;br&gt;T2: Leading strategies for a systems approach to OSH&lt;br&gt;T4: Total Workplace Safety and Health (TWSH)&lt;br&gt;T5: The 4th Industrial Revolution and the future of prevention</td>
<td>Level 4, Orchid 4203&lt;br&gt;Level 4, Peony 4403&lt;br&gt;Level 4, Melati 4001B</td>
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<tr>
<td>12:30 – 13:30</td>
<td>Lunch</td>
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<td>13:30 – 15:30</td>
<td><strong>SafeYouth@Work Dialogue</strong></td>
<td>Level 4, Melati 4001B</td>
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<td>15:30 – 16:00</td>
<td>Coffee Break</td>
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<tr>
<td>18:30 – 22:00</td>
<td><strong>Singapore Night</strong></td>
<td>Level 5, Sands Grand Ballroom</td>
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### Concurrent Activities:
- International Media Festival for Prevention  
  Level 4, Lotus Jr. 4D<br>Level 1, Hall A
- International Safety and Health Exhibition  
  Level 4, Roselle-Simpor 4901A
- Poster Exhibition  
  Level 4, Peony Jr. 4410A
- SafeYouth@Work Congress  
  Level 4, Peony Jr. 4410A
DAY 3 (Tuesday, 5 September 2017)

Keynotes

K3
09:30 – 10:00
Level 5, Sands Grand Ballroom

People-centred prevention

Mr Heng Chiang Gnee
Chairman, Workplace Safety and Health Council, Singapore

Technical Sessions

T2
10:30 – 12:30
Level 4, Orchid 4203

Leading strategies for a systems approach to OSH

Co-chairs/ Moderators: Tsuyoshi Kawakami, India; Low Wong Fook, Singapore

Introduction to the session • Tsuyoshi Kawakami, India; Low Wong Fook, Singapore
• OSH strategies in Senegal • Ndieme Seck Diouf, Senegal
• Process of formulation and contents of the Chilean National OSH Policy • Pedro Contador, Chile
• Development and implementation of national OSH policy and strategy in Jordan • Maysoon Shafeeq Al Remawi, Jordan
• Recent EU initiatives addressing the key challenges to improve health and safety of workers • Dr Zinta Podniece, Luxembourg

Moderated dialogue session • All experts

Closing
DAY 3 (Tuesday, 5 September 2017)

**T4**  
10:30 – 12:30  
MOM, Singapore

### Total Workplace Safety and Health

*Chair/ Moderator: Prof Chia Kee Seng, Singapore*

**Introduction to the session and Total WSH Concept**  
- Prof Chia Kee Seng, Singapore

**Comprehensive occupational health — A response to the globalizing work life**  
- Prof Jorma Rantanen, Finland

**Occupational health services in China**  
- Prof Zhang Min, People's Republic of China

**Sembcorp Marine’s Total WSH Journey**  
- Wong Weng Sun, Singapore

**OSH — Innovative ideas: A reliance way**  
- Dr R. Rajesh, India

**Implementing integrated safety and health to employees: Lagos State experience**  
- Hon. Hakeem O. Dickson, Nigeria

**Delivering Total Worker Health in the context of the modern economy**  
- Prof Dame Carol Black, United Kingdom

**Moderated dialogue session**  
- All experts

**Closing**

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**T5**  
10:30 – 12:30  
ISSA

### The 4th Industrial Revolution and the future of prevention

*Chair/ Moderator: Hans-Horst Konkolewsky, Switzerland*

**Introduction to the session**  
- Hans-Horst Konkolewsky, Switzerland

- **“The 4th Industrial Revolution”** – Introduction video (WEF)
- **“2040: A Worklife Odyssey”**  
  - Marie Defrance, France

**Moderated discussion**

**“Minority Report”: Preventing work injuries using cognitive computing and big data**

- Cognitive computing in the service of prevention?  
  - Héctor Upegui, Germany
- Big data to predict and prevent work injuries  
  - Prof Sergio Iavicoli, Italy

**“Roboworker”: How technology can reduce health and safety risks at work and facilitate inclusion**  
- Alexander von Glinski, Germany

**“Working in the digital world”: Man-machine 4.0**

- Digital manufacturing  
  - Jürgen Schulin, Germany
- Digital detoxing at enterprise level  
  - Marc De Greef, Belgium

My work, health and life in the digital economy — Reflections about work, health and life in the future

**Conclusion**
Programme

DAY 3 (Tuesday, 5 September 2017)

Symposia Topics

S02
16:00 – 18:00
INRS, EU-OSHA

**Good Practices on OSH in SMEs**

*Chair: Stéphane Pimbert, France*

*Moderator: Brenda O’Brien, Spain*

**Opening** • Brenda O’Brien, Spain

**Welcome address. Overall picture of the challenge.** • Stéphane Pimbert, France; Patrick Laine, France

**Strategies and tools for safe, healthy and productive small enterprises in Europe** • Dr Malgorzata Milczarek, Spain

**Moderated dialogue session (65 min)**

• bizSAFE — The Singapore solution • Dr Gan Siok Lin, Singapore

• Ágil — An important tool for the diagnosis and improvement of the safety and health at work in micro and small industries • Dr Sybele Cruz, Brazil

• Management of work risks in SME companies: The experience of Mutual de Seguridad CChC • Julio Franzani, Chile

• Occupational safety and health compliance for SMEs utility sector in Malaysia • Mohd Esa Baruji, Malaysia

**Future outlook**

• Safety and health in micro and small firms in the European Union • Prof David Walters, United Kingdom

**Closing** • Brenda O’Brien, Spain

S03
16:00 – 18:00
ISSA Mining Section

**Management of OSH in the mining sector: Seven golden rules in mining**

*Moderator: Helmut Ehnes, Germany*

**Opening address: Vision Zero and Seven Golden Rules — Sustainable mining for people** • Ulrich Meesmann, Germany

• Vision Zero: Practical applications of the Seven Golden Rules • Cristian Moraga Torres, Chile

• Safety performance management on the multi-national mining company • Surya Perdana Nugraha, Indonesia

• Study of the occupational safety in mining sector in comparison with other economic sectors of mining countries • Murilo Oliveira de Lima, Brazil

• Seven Golden Rules — Rag’s way to zero accidents • Joachim Loechte, Germany

• The experience of application of OSH MS and Seven Golden Rules for good practice of large Russian potash mining company • Prof Grigori Fainburg, Russian Federation

• Critical control management in the mining and metals industry • Dr John Atherton, United Kingdom

• Occupational health and safety philosophy Vision Zero and wellness programs at Grupo Progreso • Dr Roberto Hermosilla, Guatemala

• A multicomponent workplace intervention for mental health in the mining industry • Prof Carole James, Australia
DAY 3 (Tuesday, 5 September 2017)

- The human factor framework for managing risk in extractive and high risk industries • Leigh McMaster, South Africa

Moderated dialogue session and closing • Ulrich Meesmann, Germany

S10
16:00 – 18:00
ISSA Transportation Section, ISSA Chemistry Section

Vision Zero: Transportation and dangerous goods
Moderators: Dr Christian Felten, Germany; Thomas Köhler, Germany

Introduction to session • Dr Christian Felten, Germany; Thomas Köhler, Germany

- Assessing industrial and commuting accidents in the transportation industry in Malaysia • Dr Mohammed Azman, Malaysia
- Risk management strategies—A case study of 40 construction firms in the United States successfully addressing their fleet exposures • Carl Heinlein, United States of America
- Fatigue management in HazMat road transportation • Krisztina Éliás, Hungary; Levente Aros, Hungary
- Intention, structure and content of dangerous goods regulations—A systematic overview • Gudula Schwan, Germany
- Transport of dangerous goods within the occupational health and safety environment and its intersections regarding responsibilities and competence • Stefan Sauerbier, Germany
- Preventing chemical risk during transport and unloading of shipping containers • Dr Francois-Xavier Keller, France

Moderated dialogue session and closing • All presenters

S15
16:00 – 18:00
ENETOSH, OSHC(HK), MoLSS (Turkey)

People-centred prevention strategies on OSH
Chairperson: Prof Kwon Hyuck Myun, Republic of Korea
Moderators: Dr Attiya Khan, Germany; Robin M. Izzo, United States of America; Davide Scotti, Italy; Hülya Ünver, Turkey; Alan Cowen, United Kingdom

Welcome • Prof Kwon Hyuck Myun, Republic of Korea; Dr Ulrike Bollmann, Germany; Bonnie Yau, Hong Kong; Orhan Koc, Turkey

Introduction • Dr Attiya Khan, Germany

Walk & talk: Four focus-groups, four oral presenters, two rounds
- Good healthy school: A framework for a person-centred culture of prevention in school health promotion. The case of salutogenetic leadership • Peter Paulus, Germany
- Teaching intervention to enhance occupational safety behaviours for tea plantation workers in Assam • Hanan El Nagdy, India
- “Healthier workers, happier workers” programme: A person-centric approach to promoting health and safety at the workplace for bus captains in Singapore • Jocelyn Chng, Singapore
- Application of virtual reality technology in OSH Training — OSH CAVE • Dr Alan Chan/ Bonnie Yau, Hong Kong
- Video: Pay it forward safety, Lattitude Productions, United Kingdom
- Keynote: From storytelling to storybuilding — A personal journey of reflection • Kevin Furniss, Netherlands
DAY 3 (Tuesday, 5 September 2017)

- Key factors of a people-centred prevention — Results from the focus-groups and the consequences from a strategic viewpoint • Timothy Tregenza, Spain

Award for the most people-centred practice • Uwe Meyeringh, Germany; Alan Cowen, United Kingdom

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**S19**

16:00 – 18:00
HSE

_**Behavioural science contribution to OSH**_

*Chair/ Moderator: Ed Corbett, United Kingdom*

Introduction to session • Ed Corbett, United Kingdom

- Usability engineering documentation saves lives • Klaus Hofer, Canada
- Designing and evaluating evidence-based interventions to improve safety motivation and participation in maintenance workers • Sander Hermsen, Netherlands
- Risk factor — Leading to safety • Mieke Jacobs, Singapore
- Advanced error reduction in organizations • Ian Collins, Singapore
- Safety at work: An issue of daily management behavior • Dr Mark Fuellemann, Switzerland
- Too much of a good thing — Can you go overboard with operational discipline? • Palaniappan Chidambaram, Singapore

Moderated dialogue session and closing • All presenters

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**S23**

16:00 – 18:00
IDMSC

_**Rehabilitation, disability and return to work**_

*Moderator: Sari Sairanen, Canada*

Introduction to session • Sari Sairanen, Canada

- Rehabilitation, disability and return to work • Wolfgang Zimmermann, Belgium
- Belgium: First evidences in the implementation of the NIDMAR curriculum and certification process in disability management • Francois Perl, Belgium
- Rehabilitation, disability and return to work • Dr Friedrich Mehrhoff, Germany
- Rehabilitation, disability and return to work • Dr Mohammed Azman, Malaysia
- Rehabilitation, disability and return to work • Graham Halsey, United Kingdom

Moderated dialogue session and closing
DAY 3 (Tuesday, 5 September 2017)

**S25**
16:00 – 18:00
NSC (US)

**Wellbeing through work**

*Chairpersons/ Moderators: John Dony, United States of America; Joy Inouye, United States of America*

Welcome and introduction to session • John Dony, United States of America; Joy Inouye, United States of America

**Worker wellbeing: Theoretical approaches (panel discussion)** • Dr Margaret Kitt, United States of America; Mike Robinson, United Kingdom

- Sector of employment and wellbeing at work — An international comparison • Prof Pauli Forma, Finland
- Safe and healthy company, an adaptable program to address better lifestyles and work conditions • Prof Ivan Silva, Chile

**Applied worker wellbeing programs**

- A journey to improving health and safety outcomes through lifestyle change • Kelli Smith, United States of America; Nicole Williams, United States of America
- Creating a healthy workplace – A Total Workplace Safety and Health (Total WSH) initiatives at the Saw Swee Hock School of Public Health • Dr Sin Eng Chia, Singapore
- Ageing workforce in Italy: managing health and safety of older workers • Dr Paolo Clerici, Italy

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**S26**
16:00 – 18:00
ILO, WHO

**Healthy work: Trends on occupational health**

*Chairperson: Dr Ivan Ivanov, Switzerland*

*Moderator: Nada Osseiran, Switzerland*

Introduction to session • Dr Ivan Ivanov, Switzerland

- Protecting occupational health and safety in the preparedness for outbreaks and public health emergencies • Dr Francisco Santos O’Connor, Thailand
- Improving workers’ health in a developing country: The example of Tanzania • Jackline Makupa, Tanzania
- Providing health worker protections in low and middle income (LMI) settings: Challenges and prospects • Dr Melissa McDiarmid, United States of America
- Impact of ILO Convention 161 on Governance, Coverage and Content of Occupational Health Services • Prof Jorma Rantanen, Finland

Moderated dialogue session and closing • Nada Osseiran, Switzerland
Programme

DAY 3 (Tuesday, 5 September 2017)

S27
16:00 – 18:00
COMPTRASEC CNRS-University of Bordeaux

Psychosocial risks: Mental health and wellbeing at work
Chairperson/ Moderator: Loic Lerouge, France

Introduction to session • Loic Lerouge, France

• Psychosocial safety climate at work and psychological health • Prof Maureen Dollard, Australia
• The impact of continuous change on work activity, where do we go from here? • Prof Pierre-Sebastien Fournier, Canada
• Psychological health and safety in the workplace: A Canadian perspective • Brenda Baxter, Canada
• Fighting psychological strain at work — The German nationwide program "Protecting and Strengthening Health during Work Related Psychological Strain" • Dr Torsten Kunz, Germany
• Psychiatrist role in periodical medical examination of workers • Prof Dr Svetlana Kuzmina, Russian Federation

Moderated dialogue session and closing • All presenters

S28
16:00 – 18:00
ILO, EU-OSHA

Estimating the benefit of occupational safety and health to society
Chairperson: Dr Christa Sedlatschek, Spain
Moderator: Nancy Leppink, Switzerland

Introduction to session • Dr Christa Sedlatschek, Spain

• Estimating the benefit of occupational safety and health to society • Dr William Cockburn, Spain
• Towards a global monitoring system for workers’ health • Dr Frank Pega, Switzerland
• Metrics: Measuring for effective occupational safety and health outcomes • Kathy Seabrook, United Kingdom
• Using a KAB survey to identify OSH priorities • Nicholas J. Levintow, Switzerland
• Decent work smart lab • Thaigo Gurjão Alves Ribeiro, Brazil; Dr Luis Fabiano de Assis, Brazil
• Evaluation of the benefits of OSH Institute policies to society. Results of the ISSA Sub “Research” Prevention Section • Catherine Montagnon, France

Moderated dialogue session and closing • Nancy Leppink, Switzerland
DAY 3 (Tuesday, 5 September 2017)

**S32**
16:00 – 18:00
MOM, Singapore

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**Innovative approaches to OSH—II**

Chairperson/ Moderator: Chow Yew Yuen, Singapore

**Introduction to the session** • Chow Yew Yuen, Singapore

**Influencing organisations and leaders**
- Standards and accreditation: Delivery confidence in OSH • Desmond Hill, Singapore
- Innovative strategies to engaging senior leadership in Canada: From research to implementation • Maureen C Shaw, Canada; Lisa McGuire, Canada

**Influencing work processes and workers**
- The very wicked problem of quad bikes in Australian agriculture and how it’s being addressed • Tony Williams, Australia
- We made it happen — 18 years without DAFWC • Roslan Ismail, Malaysia
- Safety excellence — An innovative way to engage an organization to improve the performance on occupational health and safety • Zhang Hua, People’s Republic of China
- How mobile elevating work platforms (MEWP) brings Vision Zero nearer to reality in Singapore • Shawn Ong, Singapore

**Influencing for future prevention**
- The 4th Industrial Revolution — The future approach for injury prevention • Ikuo Maeda, Japan

Moderated dialogue session and closing

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International Media Festival for Prevention – IMFP
DAY 3 (Tuesday, 5 September 2017)  >> see page 69
### DAY 4 (Wednesday, 6 September 2017)

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<td>Neuroscientist, Physician, Paralympian and World Record Holder</td>
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<td><strong>Nancy Leppink</strong></td>
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### Concurrent Activities:
- International Media Festival for Prevention
- International Safety and Health Exhibition
- Poster Exhibition
- SafeYouth@Work Congress
DAY 4 (Wednesday, 6 September 2017)

Symposia Topics

S07
09:00 – 11:00
ILO

**Improving OSH in global supply chains**

*Chair: Nancy Leppink, Switzerland*

- Introduction of session • Nancy Leppink, Switzerland
- Social dialogue and capacity building in OSH: Tripartite training for global supply chains in Bangladesh • Dr Christian Bochmann, Germany; Dr Thomas Kohstall, Germany
- Drivers and constraints for OSH Improvement in food and agriculture global supply chains • Lou Tessier, Switzerland
- Vision Zero Fund: Promoting prevention and protection and global supply chains • Ockert Dupper, Switzerland
- Digging deeper: Engaging global industry to improve safety in the “hidden” mining sector: The cases of artisanal mining in DRC and Indonesia • Ayi Farida, Indonesia
- Researching health and safety in global supply chains • Prof David Walters, United Kingdom
- bizSAFE Programme: Fostering WSH through leveraging on supply chains • Winston Yew, Singapore
- Employment injury insurance and protection: Lessons from Bangladesh to improve and complement prevention in global supply chains • Anne Drouin, Switzerland

Moderated dialogue session and closing • All presenters

S08
09:00 – 11:00
HPB

**Bringing impactful health and safety programmes to workers at their door-steps**

*Moderator: Ong Kim Pong, Singapore*

- International perspectives on health, wellbeing and safety programmes • Prof Dame Carol Black, United Kingdom
- Building healthy workplaces: Singapore’s approach to holistic care for our workers • Sim Beng Khoon, Singapore
- Cultivating a healthy working environment — A small, medium enterprise’s journey towards workers’ wellbeing • Dr Chin Kon Yuen, Singapore
- Psychosocial risk assessment in the workplace: The Chilean experience for preventing mental labour illness • Pamela Gana, Chile

Moderated dialogue session and closing
### S09
09:00 – 11:00
ISSA Construction Section

**Vision Zero in the construction sector**

*Moderator: Jean-Claude Poirier, France*

- **Introduction to session** • Jean-Claude Poirier, France
- **Welcome speech** • Gérard Ropert, France
- **First session with one round table**
  - **Management and culture of prevention**
    - Seven Golden Rules in construction industry (ISSA Construction approach and CPWR approach) • Bruno Bisson, France; Dr Knut Ringen, United States of America
    - COHMS development and mental health measures on project sites under the "integrated management" • Masaharu Tanaka, Japan
    - Korean experience • Gye-Wan Bae, Republic of Korea
    - Sempre Seguros Program: A Brazilian case in safety culture development • Caroline Passuello, Brazil; Walmir Guerra, Brazil
    - Moderated dialogue session with audience • Jean-Claude Poirier, France
- **Second session with one round table**
  - **Examples and development**
    - French national approach to reach small masonry companies • Patrick Laine, France
    - Use of drones in the construction industry to reduce falling from heights • Prof Karl-Heinz Noetel, Germany
    - Moderated Dialogue Session with the audience • Jean-Claude Poirier, France
- **Third session**
  - **Closing session**
    - Closing speech • Sergio Torretti Costa, Chile

### S13
09:00 – 11:00
ASEAN-OSHNET

**OSH in the informal economy**

*Moderator: Dr Leng Tong, Cambodia*

- **Introduction of session** • Dr Leng Tong, Cambodia
  - Promoting the safety, health and well-being of the poor and informal sector workers in Nigerian cities • Prof Geoffrey Nwaka, Nigeria
  - Occupational safety and health of cleaning workers in the hospital • Prof Monika Eigenstetter, Germany
  - Infusion of OSH and public health. A case of preventive health in the Shai-osudoku District, Ghana • Emily Akumah, Ghana
  - Protecting temporary workers: Roles and responsibilities of host employers and staffing firms • J. Scott Bicksler, United States of America
  - Policy of occupational safety for workers in informal sector • Nguyen Anh Tho, Viet Nam
  - Minimizing risks and protecting informal economic sector communities from exposure to vector borne and parasitic infections in their work environments • Dr Panduka Wijeyaratne, Sri Lanka
- **Moderated dialogue session and closing** • All presenters
DAY 4 (Wednesday, 6 September 2017)

**S14**
09:00 – 11:00
Safe Work Australia

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**The workplace diversity dimension of OSH**

*Moders: Michelle Baxter, Australia; Kala Anandarajah, Singapore*

- Introduction to session • Michelle Baxter, Australia; Kala Anandarajah, Singapore
- Example of positive strategy for differences (gender, age, …) integration in risk assessment • Antonella Ninci, Italy; Prof Rita Biancheri, Italy
- Researching the gender responsive OSH in Malaysia: Are regulators perspectives any different from the employees? • Dr Lilis Surienty, Malaysia
- Taking risks and survival jobs: Foreign-born workers and work-related injuries in Australia • Prof Alison Reid, Australia
- Occupational health and safety awareness among international students as a diverse group of young workers in Australia • Dr Yahya Thamrin, Indonesia
- Accidents at work in Bulgaria — Trends and reality • Karolina Dosheva Lyubomirova, Bulgaria
- Healthy and productive work design for diverse employees • Prof Sharon Parker, Australia

Moderated dialogue session and closing • All presenters

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**S17**
09:00 – 11:00
IEA

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**Adapting work to people**

*Chairperson: Chee Koon Lim, Singapore*

*Moderator: Elsa Tsang, Hong Kong*

- Introduction of session • Chee Koon Lim, Singapore
- Hearing safety in the workplace: Consider the worker • Prof William Martin, Singapore
- Benefits of including hearing protector fit testing in your hearing conservation program • Clifford Frey, United States of America
- Good practices in age management at workplace • Francesca Grosso, Italy
- Ergonomic job hazard analyses for musculoskeletal disorder risk factors in dry-cleaning establishments • Dr Jung-Keun Park, Republic of Korea
- The appropriation of preventive practices of musculoskeletal disorders (MSDS) by nurses: Cognitive asset or contextual factors? • Prof Elena Laroche, Canada
- Dynamic office work concepts to prevent physical inactivity — Effects on work performance and physiology • Prof Rolf Ellegast, Germany
- Interaction at the airport boarding counter point • Chee Koon Lim, Singapore
- VEOLIA OHS best practices • Frederic Goetz, France

Moderated dialogue session and closing
DAY 4 (Wednesday, 6 September 2017)

S18
09:00 – 11:00
ISSA Information Section

Good communication on OSH

Chair: Dr Margaret Kitt, United States of America
Moderators: Dr Donna Van Bogaert, United States of America; Dr Sven Timm, Germany

Introduction to session • Dr Margaret Kitt, United States of America; Dr Donna Van Bogaert, United States of America; Dr Sven Timm, Germany

• Workplace oriented research dissemination through networks, partnerships and collaboration • Dr Brian Knudsen, Denmark
• Framework for a social media strategy to create OSH communities of interest and outreach to non-traditional audiences • Steve Horvath, Canada
• The role of social media—Communication in a changing media landscape • Gregor Doepke, Germany
• Developing health and safety culture through effective communication strategies • Gayan Fernando, Sri Lanka
• Young people and good OSH communication • Marie Defrance, France
• Forum+, two platforms to maximize transparency in occupational health and safety • Dr Ursula Schies, Germany

Interactive discussion session, networking activity and closing • All presenters

S20
09:00 – 11:00
ITUC

Role and Contributions of Trade Unions towards OSH

Chair/ Moderator: Shoya Yoshida, Singapore

Welcome and opening remarks • Shoya Yoshida, Singapore

• Trade unions and occupational health and safety (by video): Fighting for the living • Sharan Burrow, Belgium
• Trade union approaches to occupational health and safety in the Asia-Pacific region • Ahn Pong-Sul, Thailand
• The fight for an asbestos-free world • Deborah Vallance, Australia
• Unions make the workplace safe and green: Bangladesh experience • Aminur Repon Chowdhury, Bangladesh
• Trade union interventions on OHS in Singapore • K Karshikkeyan, Singapore
• BWI’s contribution to OHS in the building and wood sector • Edward Miller, Malaysia

Q&A

Concluding remarks
DAY 4 (Wednesday, 6 September 2017)

S21 09:00 – 11:00
IOE

The highway to health and safety: A zero harm culture, good and best practices
Chair/ Moderator: Kris de Meester, Belgium

Introduction to session

Panel
• Get inspired and connect your safety leaders • Lieve de Keyser, Belgium
• Designing, building and implementing a Zero Harm H&S • Alastair Davey, France; Sheena Eyre, France
• How Zero Harm should look in practice • Kris de Meester, Belgium
• Creating healthy workplaces — Good practices from round the world • Wolf Kirsten, United States of America
• What OSH tools are available for mobile workers? • Dr Philippe Guibert, France; Oliver Lo, Singapore

Interactive session with panellists
• Moderated dialogue session and Q&A
• Wrap-up and closing

S29 09:00 – 11:00
SISO, NSCS, INSHPO

OHS professional standards for a safe, healthy and productive work life
Chairperson: Seet Choh San, Singapore
Moderator: Niranjan “Niri” Masurekar, Singapore

Introduction of session • Seet Choh San, Singapore
• Global framework for practice — INSHPO OHS capability framework overview • Eldeen Pozniak, Canada
• Implementing OHS standards for professional practice • Terrie S. Norris, United States of America; Seet Choh San, Singapore
• E-tools for OHS professional development, self-assessment and employment evaluation • Richard Pollock, United States of America; Vince McNeilly, United Kingdom
• Introducing professional standards in OHS education • Eldeen Pozniak, Canada; Pam Pryor, Australia
• Industry application of an OHS professional standard (mining) • Pam Pryor, Australia; Dennis Hudson, United States of America

Moderated dialogue session and closing • Niranjan “Niri” Masurekar, Singapore

International Media Festival for Prevention – IMFP
DAY 4 (Wednesday, 6 September 2017)  >> see page 69
Why a SafeYouth@Work Congress?

Young workers today are the future leaders of our economies, and their safety and well-being will shape the world of tomorrow. However, they are also 40% more likely than older workers to suffer occupational injuries. Reasons for this include lack of skills, experience and training; inadequate supervision; limited knowledge of Occupational Safety and Health (OSH) hazards and risks; and/or a lack of understanding of their rights.

We believe youth can be important change agents and enablers of sustainable development actions by bringing their voice to help build a global network of young champions for safety and health in the workplace.

To make this happen, ILO’s LABADMIN/OSH Branch, in collaboration with the Ministry of Manpower (MoM) of Singapore is organizing a SafeYouth@Work Congress as part of the 2017 World Congress on Safety and Health.

About the SafeYouth@Work Congress:

The SafeYouth@Work Congress seeks to highlight the critical need for awareness of safety and health issues for youth in the workplace, by bringing their voice to the XXI World Congress on Safety and Health at Work. More than 120 Youth Champions from around the world, aged 18-24, are participating in the SafeYouth@Work Congress; tasked with engaging broader World Congress participants, they will become agents of change for SafeYouth@Work in their home countries.

SafeYouth@Work Champion Programme at the World Congress:

By participating in the SafeYouth@Work Congress, Youth Champions will:

- Act as representatives of young workers and employers worldwide — sharing their ideas and priorities with other youth delegates as well as the broader congress participants;
SafeYouth@Work

- Design, create and showcase their own solutions, services products or initiatives for promoting safety and health in the workplace, while interacting with other participants and international OSH experts;
- Work together with other Youth Champions on an Action Plan for Safer Working Conditions for Youth and be ready to present it before the World Congress and to a global audience.

For more information on the SafeYouth@Work Congress visit the web site at https://www.ilo.org/safeyouth/en/mission.html and follow ILO LABADMIN/OSH on Twitter @ILO_OSH with the hashtag #SafeYouthAtWork; on Instagram @labadminosh; or via email safeyouth@ilo.org.

SafeYouth@Work Dialogue

The SafeYouth@Work Dialogue on young worker OSH vulnerability is a key highlight of the XXI World Congress programme. In a stand-alone plenary session before some 800 attendees, the SafeYouth@Work Dialogue will provide a platform for cross-generational exchange and collaboration among OSH experts, policy makers, employer and worker representatives and young professionals on the subject of “OSH for Youth”. The Dialogue seeks to engage participants through a dynamic programme including interventions by Youth Champions and high-level delegates, as well as an OSH panel interview and a keynote from the Second Minister of Manpower for Singapore.

The SafeYouth@Work Dialogue represents both an opportunity and a challenge to all participants to develop a framework for youth to take on significant roles as change agents and enablers of sustainable development. Through the Dialogue and other youth-centred interventions at the Congress, the ILO aims to foster youth leadership on OSH issues, and promote their active engagement to improve OSH conditions for young workers. The SafeYouth@Work Dialogue will take place in the Level 4, Melati 4001B on Tuesday, 5 September from 1.30-3.30pm.

For more information on the SafeYouth@Work Dialogue visit the web site at https://www.ilo.org/safeyouth/en/ and follow ILO LABADMIN/OSH on Twitter @ILO_OSH with the hashtag #SafeYouthAtWork; on Instagram @labadminosh; or via email safeyouth@ilo.org.
Did you know that young workers suffer the highest rate of injury and illness on the job due to a lack of awareness of safety rules and rights, training and experience?

About the SafeYouth@Work Media Competition

The SafeYouth@Work Media Competition is an opportunity for young people around the world to show what “Safety and Health at Work” means to them by showcasing innovative ideas, at the International Media Festival for Prevention. The competition aims to put youth vision and voice at the centre of discussion on preventing workplace accidents and diseases.

More than 130 media submissions were received from 30 countries, for the first-ever SafeYouth@Work Media Competition. You can view shortlisted submissions selected by an international jury, at https://www.ilo.org/safeyouth/en/submissions.html

The media competition is carried out in conjunction with the International Media Festival for Prevention and the XXI World Congress on Safety and Health at Work 2017.

The Prize

Winning entries to the SafeYouth@Work media competition will be announced on 4 September at the XXI World Congress for Safety and Health at Work 2017. Winning entries will be presented alongside the International Media Festival for Prevention before a global audience. Selected winners have been invited to Singapore to share their ideas on safety and health at the World Congress.

The SafeYouth@Work Media Competition and the SafeYouth@Work Congress are key components of the SafeYouth@Work Project — a global project undertaken with support from U.S. Department of Labor’s Office of Child Labor, Forced Labor and Human Trafficking (https://www.dol.gov/agencies/ilab/our-work/child-forced-labor-trafficking)

For more information on the SafeYouth@Work Media Competition, please contact safeyouth@ilo.org, and follow the ILO LABADMIN/OSH branch on Twitter @ILO_OSH with the hashtag #SafeYouthAtWork or on Instagram @labadminosh
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- P24.02 – An Italian healthy hospital experience — Safe management of a potential carcinogenic in pathological anatomy ● Federico Rodolfo Bellomo, Italy
- P24.03 – Reduction of cooking oil fume exposure following an engineering intervention in Chinese restaurants ● Chih-Hong Pan, Taiwan, China
- P24.04 – Study of Redox State and Tumorigenesis in radiation healthcare workers occupationally exposed to ionizing radiation ● Annapaola Santoro, Italy
- P24.05 – Changes in Poly(ADP-ribose)ylation patterns in workers exposed to BTX ● Yan Sha, People's Republic of China
- P24.06 – Preventing chemical hazards during a new surgical technique: Pressurized Intraperitoneal Aerosol Chemotherapy (PIPAC) ● Jean Passeron, France
- P24.07 – Evaluation of breast cancer risk in relation to occupation in patients referred to oncology wards of academic hospitals in Iran ● Ehsan Rafiei Manesh, Islamic Republic of Iran
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<td><strong>P24.09</strong> – UV exposure in vehicles: Skin cancer or not? • Benjamin Strehl, Germany</td>
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<td><strong>P24.11</strong> – UV radiation: How to estimate outdoor workers exposure if there is no data? • Marc Wittlich, Germany</td>
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<td><strong>P24.12</strong> – UV exposure of outdoor workers: Who is at risk? • Marc Wittlich, Germany</td>
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<td><strong>P24.13</strong> – Prevention of occupational cancer: Workplace monitoring of refractory ceramic fibers • Daniela Rusea, Romania</td>
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<td><strong>P24.14</strong> – Genomic damage in peripheral blood lymphocytes and polymorphisms of glutathione s-transferases among workers exposed to formaldehyde • Amani Abdallah, Egypt</td>
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<td><strong>P24.15</strong> – Responding to ageing asbestos in the built environment: The changing nature of risks and responses in post ban countries • Andrew Morgan, Australia</td>
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### Wellbeing through work

| P25.01 – The effectiveness of workplace dietary habits intervention: A quasi-experimental study in Sousse, Tunisia • Imene Kacem, Tunisia |
| P25.02 – Health and safety risk assessment specifically within the context of an ageing workforce: Ferrero Mangimi case study • Francesco Naviglio, Italy |
| P25.03 – More personal job control • Torsten Kunz, Germany |
| P25.04 – Assessment of sick building syndrome, working environment conditions and components in Hacettepe University, Faculty of Dentistry • Ahmet Ersoy, Turkey |
| P25.05 – Outdoor occupation and ocular surface abnormalities • Sophia Seen, Singapore |
| P25.06 – Examination of health problems of workers working in lawn mowing services related to noise and vibration • Ipek Sarıöz Ağca, Turkey |
| P25.07 – Outcomes evaluation of the Total Workplace Safety and Health at the Saw Swee Hock School of Public Health, National University of Singapore • Vivian Ng, Singapore |
| P25.08 – A Total Workplace Safety and Health project for security officers in a Singapore university — From needs assessment to interventions and evaluation • Jeff Hwang, Singapore |
| P25.09 – Workplace health promotion survey and intervention project on healthy eating • Francesca Grosso, Italy |
| P25.10 – Predicting employees health and wellbeing: Findings from a mass health screening program in Malaysia • Azlan Darus, Malaysia |
| P25.11 – “Joyful @ Healthy Workplace” Campaign — A strategy for wellbeing through work • Jason Chow Chun Sing, Hong Kong |
| P25.12 – Advantages and disadvantages of the various types of organization of working hours for the workers and the employers • Jeni Staykova, Bulgaria |
| P25.13 – Bienestar Universal — A successful wellness plan • Isabel Maya Rubio, Spain |
| P25.14 – Review of health risks associated with maintenance of anti-slip flooring • Edna Ng, Singapore |
| P25.15 – Smoking behaviours at workplace: Cross sectional study in Tunisia • Imene Kacem, Tunisia |
| P25.16 – Recovery opportunities, work-home conflict, and emotional exhaustion among hematologists and oncologists in private practice in Germany • Holger Pfaff, Germany |
| P25.17 – Workplace epidemiological profile of cardiovascular diseases in electricity sector workers in Cameroon • Dieuboue Joseph, Cameroon |
| P25.18 – Impact of health promotion interventions on the lifestyle and productivity of workers of Brazilian companies • Geórgia Antony, Brazil |
| P25.19 – Transfórmate: Workplace health promotion and wellness program at Grupo Progreso • Roberto Hermosilla, Guatemala |
| P25.20 – The Central Guarantee Committee for equal opportunities, enhancement of worker well-being and against discriminations • Antonella Ninci, Italy |
Healthy work: Trends on occupational health

- P26.01 – Sensory irritation and odor — Increasing relevance for risk assessment • Dietmar Reinert, Germany
- P26.02 – Dose response relationship between cotton dust exposure and lung function among male textile workers of Karachi, Pakistan • Naureen Akber Ali, Pakistan
- P26.03 – Workplace violence against nurses in Indonesian private hospital • Yessy Trisnaningsih, Indonesia
- P26.04 – Trends in occupational diseases in Finland • Riitta Sauni, Finland
- P26.05 – Analysis of failure in birth delivery aid and high coverage of maternal mortality associated with anxiety and midwives work-related stress • Hesti D. R. Puspitasari, Indonesia
- P26.06 – Evaluation of back pain among Sri Lankan nurses • Lachitha Chenuka, Sri Lanka
- P26.07 – Rare case of Type I hypersensitivity reaction to sodium hypochlorite solution in a healthcare setting • Gabriel Chia, Singapore
- P26.08 – A bicentric analytical study of musculoskeletal disorders among Tunisian caregivers • Lamia Bouzgarrou, Tunisia
- P26.09 – Objective assessment of physical workload among steelworkers • Lamia Bouzgarrou, Tunisia
- P26.10 – Multitex research study — Multifaceted intervention package for respiratory health of textile workers: Design and methods • Asaad Ahmed Nafees, Pakistan
- P26.11 – Lived experiences of Filipino males with HIV/AIDS dealing with healthcare stigma • Ryan Empleo, Philippines
- P26.12 – Systems for quality management — A garancy for prevention of the occupational diseases and work accidents among port workers in Bulgaria • Karolina Dosheva Lyubomirova, Bulgaria

Psychosocial risks: Mental health and wellbeing at work

- P27.01 – From research into practical application — Comprehensive prevention concepts for day care centers • Rolf Ellegast, Germany
- P27.02 – Psychosocial work hazards, burnout and self-rated health: A comparison study of public and private sector employees • Hsi-Chen Liu, Taiwan, China
- P27.03 – Key elements of a workplace psychological health and safety program • Sheri Mckillop, Canada
- P27.04 – Work-related stress: Don’t accept it! Change it! The Austrian way since 2013 • Veronika Jakl, Austria
- P27.05 – Prolonging work careers of employees with mental health impairments — Implementing workplace accommodations to support work ability • Jaana Vastamäki, Finland
- P27.06 – Implementation of surveillance of work-related stress in an Italian hospital: A pilot study • Maria Rosaria Vinci, Italy
- P27.07 – Assessment of work-related stress levels among nurses in Sri Lanka • Damsith Ashen, Sri Lanka
- P27.08 – Association between multi-tasking and psychosomatic complaints in physicians — A study on work stress of German hematologists and oncologists • Holger Pfaff, Germany
- P27.09 – Promoting psychological wellbeing in the workplace • Anita Patturajan, Australia
- P27.10 – Identification and assessment of psychosocial risk • Iván Ignacio Zuluaga Latorre, Colombia
- P27.11 – Digitalisation and its impact on psychosocial risks regulation • Ivan Williams, United Kingdom
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**Estimating the benefit of occupational safety and health to society**

- P28.01 – The “Admire” framework: 5 profiles of companies that perform economically while doing prevention • Philippe Emsalem, France
- P28.02 – How to research costs of occupational diseases? • Beate Mayer, Austria
- P28.03 – Cost of occupational accidents in Spain — A 2007 – 2015 study • Isabel Maya Rubio, Spain
- P28.04 – The costs of work-related accident: Metropolitan electricity authority • Surasit Polpun, Thailand
- P28.05 – Occupational health and safety intervention cost-benefit analysis using Bayesian influence diagrams • Amirabbas Mofidi, Islamic Republic of Iran
- P28.06 – Practices and challenges of Mexico’s OSH accidents and diseases reporting and recording system • Manuel Gustavo Carrillo Cruz, Mexico
- P28.07 – Prevention pays! The economics of safety and health in the construction industry • Paul Duphil, France
- P28.08 – Using a KAB survey to identify OSH priorities • Nicholas J. Levintow, Switzerland
- P28.09 – Global cost estimates of occupational accidents and work-related illnesses 2017 • Boon Kiat Tan, Singapore
- P28.10 – Global estimates of occupational accidents and work-related illnesses 2017 • Päivi Hämäläinen, Finland

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**OHS professional standards for a safe, healthy and productive work life**

- P29.01 – University of Fredericton comparison of curriculum to the INSHPO OHS capability framework • Sheri McKillop, Canada
- P29.02 – Safety capital and safety participation of OSHMS in OHSAS 19001 or MS 1722: 2011 certified manufacturing firms in Malaysia • Lilis Suriyenti, Malaysia
- P29.03 – Meeting the health and safety needs of apprentices: What works? • Karen Mcdonnell, Scotland
- P29.04 – Protect Our Eyes Campaign • Yoke Ping Cheong, Singapore; Gautam Sethi, Singapore
- P29.05 – Establishing a robust and effective safety management system in the Department Of Pharmacology • Gautam Sethi, Singapore; Wee Lee Ting, Singapore
- P29.06 – Total WSH in a tertiary hospital in Singapore — Planning interventions and evaluating impact • Norbert Wagner, Singapore
- P29.07 – Managing the safety, health and security of mobile workers: An occupational safety and health practitioner’s guide • Philippe Guibert, Singapore

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**Modern OSH inspection practices**

- P30.01 – Reforms on occupational safety and health inspection system in India • Somendra Pal Rana, India
- P30.02 – Managing workplace safety and health (WSH) risks in a facility providing animal research services • Yong Hao Wee, Singapore
- P30.03 – Improving work health and safety regulatory interactions • Peter Thorming, Australia
- P30.04 – Supporting inspectorates through obligatory self-evaluation • Torsten Kunz, Germany
- P30.05 – Managing GHS compliance of secondary chemical containers labelling in research laboratories • Chai Lim Ng, Singapore
- P30.06 – Smart life cycle approach to a personal protective equipment (PPE) programme in an industrial setting • Zephan Chan, Singapore
- P30.07 – Occupational health inspection scheme in China: A comparative perspective • Lihui Xu, France
- P30.08 – Risk assessment and HAZOP analysis for safety of semi-submersible platforms • Madhuri Seeram, India
- P30.09 – How optimized accident investigations can save lives • Matthias Stenzel, Germany
**P30.10** – Shift work and commuting accident among SOCSO contributors in Malaysia • **Harun Bakar, Malaysia**

**P30.11** – Application research on hazard analysis and critical control points for preventing needle stick injury in nursing • **Yihua Zhang, People’s Republic of China**

**P30.12** – Beyond traditional workplace inspections — The Copperbelt energy example • **Isaac Mate, Zambia**

**P30.13** – Immersive virtual reality for the investigation of accidents — A complement that improves the methodology of the root causes analysis • **Isidro J. Ibarra Berrocal, Spain**

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**Level 4, Roselle-Simpor 4901A**

**Innovative approaches to OSH-I**

- **P31.01** – Determinants of occupational injuries: Evidence from recent Pakistan Labor Force Survey 2010–11 • **Maryam Khalid, Pakistan**
- **P31.02** – The life cycle of a construction • **Bruno Bisson, France**
- **P31.03** – Success factors for rehabilitation and return to work systems in the context of an ageing workforce • **Timothy Tregenza, Spain**
- **P31.04** – Quality of life of injured workers in Hong Kong • **Alice Lam, Hong Kong**
- **P31.05** – Return to work after cancer: Occupational safety and health considerations • **Mary Ogungbeje, United Kingdom**
- **P31.06** – Awareness and training program — PST (Programa de Sensibilização e Treinamento) • **Renata Rézio E Silva, Brazil**
- **P31.07** – OSH culture assessment and management system assessment — The leading key performance indicators • **Zoltán Rogányi, Hungary**
- **P31.08** – Good working life as Finland’s competitiveness factor — A brand value of OSH knowledge • **Hannu Stålhammar, Finland**

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**Level 4, Roselle-Simpor 4901A**

**Innovative approaches to OSH-II**

- **P32.01** – Rethinking the forklift • **Steven Weber, Australia**
- **P32.02** – Individual monitoring of strains as a prevention strategy? The development of the digital tool “BalanceGuard” • **Kai Seiler, Germany**
- **P32.03** – A study of the MESG with flammable gas mixtures by propane-acetylene-air • **Kyung Yong Hwang, Republic of Korea**
- **P32.04** – Sustainability of the internal responsibility system for organizations’ occupational health and safety • **Fidele Ndjoulou, Canada**
- **P32.05** – Using new metrics to evaluate digital communications’ impact on OSH stakeholder communities online • **Anne Harvey, United States of America**
- **P32.06** – The HS manager agenda: Minimum timeline requirements • **Michele Buonanno, Italy**
- **P32.07** – Identified consequences of work-related accidents occurred as a result of weak working time’s organization. Employees’ motivation techniques • **Jeni Staykova, Bulgaria**
- **P32.08** – “Sharing love for health and safety”, an innovative communication campaign designed to create workforce engagement • **Davide Scotti, Italy**
- **P32.09** – From a multinational oil & FAS contractor to a non-profit foundation • **Davide Scotti, Italy**
- **P32.10** – Driver safety in a MNC • **Zhi Min Koh, Singapore; Alan Muir, Singapore; Shabina Nasir, Singapore**
- **P32.11** – Vision Zero: Examples of success stories of implementing Vision Zero in companies to reduce work-related road accidents • **Kay Schulte, Germany**
- **P32.12** – Manager’s commitment drives the risk-based safety management system in a Chinese university • **Xiao Wu, Singapore**
- **P32.13** – Safety of collaborative robots • **Otto Görnemann, Germany**
- **P32.14** – Smart glasses — Innovative work equipment and new options for OSH-prevention in a digital world • **Rolf Ellegast, Germany**
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- PA.01 – Safety neutrality — Towards improving safety landscape • Arayanaswamy Venkataraman, Singapore
- PA.02 – Aim Zero: Behaviour based safety program in oil and gas industry — How we can reach the zero accident operation • Attila Incze, Hungary
- PA.03 – The development of occupational medicine clinics among the government hospitals in Thailand • Kowit Boonmephong, Thailand
- PA.04 – The integrated modular system for the evaluations of prevention campaigns • Marie Jelenko, Austria
- PA.05 – The impact of “K3 Award Program” for Occupational Safety and Health (OSH) culture in Indonesia • Muhammad Andriadi Karim, Indonesia
- PA.06 – High reliability organizations: An opportunity for advancing organisational health and safety • Andrew Enya, Australia
- PA.07 – Reduced psychosocial distress in Austrian companies • Roland Polacsek-Ernst, Austria
- PA.08 – A best practice approach to injury prevention • Rodney Hampel, Australia
- PA.09 – Prevention of accidents caused by falling from height in construction sites in India by workers participation and training • Ranab Kumar Goswami, India
- PA.10 – Thermal comfort in glass manufacturing • Kadiye Cinar, Turkey
- PA.11 – Perkeso Prihatin: A boon prevention program to strengthen occupational safety and health promotion • Mariam Hassan, Malaysia
- PA.12 – Effective risk assessments—A key OSH prevention strategy • Isaac Mate, Zambia
- PA.13 – Enhancing the effectiveness of preventative OSH risk controls across the value chain • JC Sekar, Singapore
- PA.14 – Safety and health measures in micro-scale enterprises (MSES), Shairaz-Iran • Mehdi Jahangiri, Islamic Republic of Iran
- PA.15 – Is there a relation between body mass index and accidents among the employees of a large university hospital • Norbert Fraeyman, Belgium
- PA.16 – Profiling victims and accidents in a large university hospital • Norbert Fraeyman, Belgium
- PA.17 – Strategies for reducing the organic solvent exposures — A case study of the printed circuit board (PCB) manufacturing • Lin Yuwen, Taiwan, China
- PA.18 – Panorama of safety and health at work in Peru • Luis Alberto Serrano Diaz, Peru
- PA.19 – Adherence to safety measures among “small workhop” welders in Ismailia City, Egypt • Ayman Fahim, Egypt
- PA.20 – Sustainability and competitiveness of micro, small and medium enterprises • Rosangela Fricke, Brazil
- PA.21 – The standardization as a key factor in the management systems for safety and health at work for productivity of SMEs • Jorge Luis Barreto Sanchez, Peru
- PA.22 – Innovative ideas for new and emerging chemical risk related to occupational safety and health in construction industry • Providence Nwachukwu Akpa, Nigeria
- PA.23 – Prevention of logistical risks and in construction sites • Bruno Bisson, France
- PA.24 – Fall prevention current status identification — DPQ (Diagnóstico de Prevenção de Quedas) • Renata Rêzio E Silva, Brazil
- PA.25 – Barriers for safety intervention in construction — Examples from a failed social identity intervention at four construction sites • Kent J. Nielsen, Denmark
• PA.26 – Preparation and documentation of health and safety plan for building constructions • Asli Göher Akinbingöl, Turkey
• PA.27 – OSH best practices in Japanese construction • Katsutoshi Ohdo, Japan
• PA.28 – Social identity, safety climate and self-reported accidents among construction workers • Lars Peter Andersen, Denmark
• PA.29 – Total quality audit for ensuring safety for major infrastructure works — Hong Kong experience • Winson Yeung Koon Chuen, Hong Kong
• PA.30 – Data mining application to construction safety database: A case study in Singapore • Cao Hochuen, Singapore
• PA.31 – Validation of a one item questionnaire to assess hearing loss in construction workers in Lima-Peru • Mercedes Valle, Peru
• PA.32 – Injuries in construction sites: A community-based survey in Bangladesh • Mohammed Abul Kalam, Bangladesh
• PA.33 – Determinants of occupational injuries among building construction workers in Kampala City, Uganda • Arthur Kiconco, Uganda
• PA.34 – Smart technology to support to safe behaviour as a Vision Zero strategy for construction sites • Rodrigo Bastos Fernandes, Brazil
• PA.35 – Safety building project • Renata Rêzio E Silva, Brazil
• PA.36 – Improvement of the human behaviour in order to reach zero accident level in large construction projects • Marek Rolinec, Slovakia
• PA.37 – Safety coordination in large construction projects — Completion process of NPP Mochovcove, Unit 3 and Unit 4, Slovakia • Jan Donic, Slovakia
• PA.38 – Risk management on construction projects • István Acsádi, Hungary
• PA.39 – Holistic approach of Project Safety Review (PSR) and Activity Based Safety Improvement System (ABSIS) • Edward Raj, Singapore
• PA.40 – Road danger reduction in Malaysia: Application of HIRARC methodology to road safety • Harun Bakar, Malaysia
• PA.41 – Safe work with forklifts • Faith Erel, Turkey
• PA.42 – Road traffic crashes among lorry drivers in Malaysia: Can visual function help? • Kulanthayan KC Mani, Malaysia
• PA.43 – ALARP principles limit industrial safety policy achievement potential • Foo Swee Cheng, Singapore
• PA.44 – The success of WSH accident prevention in Singapore construction industry • Xiaomo Yuan, Singapore
• PA.45 – The stress and chemistry sector (Love chemistry avoids the stress) • Hanan Elnagdy, India
• PA.46 – Modelling the success of WSH accident prevention in Singapore: Marine industry • Wu Xiao, Singapore
• PA.47 – “One world, one life — We care” Health and safety at Siemens — China • David Scott, People’s Republic of China
• PA.48 – How can Arab Labor Organization promote a culture of prevention in Arab countries? • Rania Rushdieh, Syrian Arab Republic
• PA.49 – Analyzing the impact of Singapore’s workplace safety and health policy: Are we progressing or just kidding ourselves? • Ivan Sin, Singapore
• PA.50 – Legislative productions in Brazilian legislative assemblies regarding safety and health at work inclusion in the official state education • Dalton Cusciano, Brazil
• PA.51 – Influence of Confucianism philosophy on workplace safety in Singapore • Kavitha Palaniappan, Singapore
• PA.52 – Canvas health — Medical control program of occupational health • Erick Picanço Dias, Brazil
• PA.53 – The highway to health and safety—A zero harm culture, good and best practices • Pierre Vincensini, Switzerland
• PA.54 – Determination of the fire risks in the oil refinery: A case of refinery tank farm • Seval Eroglu, Turkey
• PA.55 – The new cluster of interstate standards for corporate occupational safety and health management systems on basis of the ILO-OSH 2001 Guidelines • Grigorii Fainburg, Russian Federation
• PA.56 – Enhancing employees’ resilience — The GSK Energy and Resilience Program • Andrew Epaphroditus Tay, Singapore
• PA.57 – Risk assessment for manual manipulation of patients through the Mapo method in three public hospitals of Madrid • Ambar Deschamps, Spain
• PA.58 – The future of the fall protection industry • Thomas Kramer, United States of America
• PA.59 – GSK Chronic Disease Management Program — Case management approach • Andrew Epaphroditus Tay, Singapore; Hooi Leong Wee, Singapore
• PA.60 – Health management system of Thermaprime Drilling Corp • Rogelio Dazo Jr, Philippines

• PA.61 – Screening for arterial hypertension in the workplace: Experience of a Department of Occupational Medicine in a Tunisian teaching hospital • Imene Kacem, Tunisia

• PA.62 – Accident intervention under “Zero Accident Strategy” in Arl Sura Colombia • Ivan Ignacio Zuluaga Latorre, Colombia

• PA.63 – Evaluation of corporate social responsibility practices in terms of occupational health and safety • Murat Göçener, Turkey

• PA.64 – Good practice in 27 Vision Zero companies in Europe • Pete Kines, Denmark

PB

Healthy work – Healthy Life

• PB.01 – Factors influencing the acceptance of insecticidal aerosol cans for control Dengue vectors in Nan Province, Thailand • Thanusin Saleeoon, Thailand

• PB.02 – Have e-waste recycling efforts opened a Pandora’s box? An overview of occupational health issues and challenges • Joseph Zayed, Canada

• PB.03 – Integration of the green office with healthy and safe office design to meet future of work requirements • David Caple, Australia

• PB.04 – The green earth vision • Yewande Olatunde, Nigeria

• PB.05 – Initiatives towards occupational wellness in Indianoil Corporation • Sandeep Sharma, India

• PB.06 – A national study to identify a viable path for OHS policy making in the sector of renewable energies • Antonio Valenti, Italy

• PB.07 – Towards achieving total decent work: Occupational safety and health issues, problems and concerns of Filipinos domestic workers • Ronahlee Asuncio, Philippines

• PB.08 – Mini symposium for ASEAN diagnostic criteria for occupational diseases • Adul Bandhukul, Thailand

• PB.09 – Health and safety: Concept and discriminatory practice in developing countries • Koudoy Youhoyere Josiane, Côte d’Ivoire

• PB.10 – Managing mobile workers diversity and demographics. Safety, health and security aspects • Mary Ogungbeje, United Kingdom

• PB.11 – Chemical burns: First aid regarding hundred exposures within a period of ten months • Parag Kulkarni, India

• PB.12 – The factor that influence of social security management and its impact on work engagement • Mohd Ali Hindia, Malaysia

• PB.13 – The Human Quality Index: An objective approach on human capital management in companies • Florence Benichoux, France

• PB.14 – The present and future of fall protection standards • Thomas Kramer, United States of America

• PB.15 – Getting the message? Guidance on communication • Mary Ogungbeje, United Kingdom

• PB.16 – Brain-friendly instructions for workers • Helmut Weissengruber, Austria

• PB.17 – Burden of back pain among working populations • Orrapan Untimanon, Thailand

• PB.18 – Development of a novel high protection exhalation valve for respirator • Chih-Chieh Chen, Taiwan, China

• PB.19 – The establishment of post-exposure occupational health examination program in asbestos workers in Taiwan, China: An analysis of stakeholders’ perspectives • Fan-Ju Hsiao, Taiwan, China

• PB.20 – Occupational health examination in asbestos-exposed workers and disease reporting system for asbestos-related diseases: International experiences • Fan-Ju Hsiao, Taiwan, China

• PB.21 – Deduced interrelations and impact mechanisms of working hours’ organizations on the level of traumatic occupational injuries; prevention recommendations • Maria Titopoulou, Bulgaria

• PB.22 – Improving regional networking and capacity in South East Asia to eliminate asbestos related diseases in the workplaces • Philip Hazelton, Australia

• PB.23 – Work debate spaces: A tool for developing team learning, safety management and health • Christelle Casse, France

• PB.24 – Use of N-95 respirator masks at Mansoura Chest Hospital and Mansoura University Hospital Chest Medicine Department, Egypt • Dalia Gamal Mahmoud Elmitwalli, Egypt; Mahmoud Elsayed, Egypt
People-centred prevention

- PC.01 – New forms of work: Work 4.0, prevention 4.0? • Susanne Roscher, Germany
- PC.02 – Advantages of electronic permit-to-work systems in hydrocarbon industries • Atul Srivastava, India
- PC.03 – Addressing workforce safety and efficiency through digital innovation • Michel Tol, Netherlands
- PC.04 – Training of workers using immersive virtual reality • Dolores Ojados González, Spain
- PC.05 – A comprehensive way to select protective gloves • Doris Burns, United States of America
- PC.06 – An example of digital collaboration on work-related risk and accidents • Kajsa Linderborg, Sweden
- PC.07 – Digital technology convergence towards OSH: Positive impact • Subramanyan Raman, Singapore
- PC.08 – An example of digital collaboration on work-related risk and accidents • Lars-Gunnar Lindberg, Sweden
- PC.09 – Return-to-work as a performance measure for treatment regimen • Phil Lefevre, United States of America
- PC.10 – Work limitation among employees with chronic medical conditions • Amani Abdallah, Egypt
- PC.11 – Fitness to return to work • Bernard Thio, Singapore
- PC.12 – Sustainable and healthy work challenges to face in a changing environment? What is the role and the contribution of public health? • Francisco Palencia, Colombia
- PC.13 – The relationship between physical fitness and occupational injuries among lineman in a Metropolitan Electricity Authority (MEA) • Onuma Sripuy, Thailand
- PC.14 – Telemedicine in temporary agency work • Jens Petersen, Germany
- PC.15 – Improved working conditions in the trade sector • Sigrid Roth, Germany
- PC.16 – Determination of occupational health and safety risks and solution proposals in paint manufacturing plants • Ayşegül Öztürk, Turkey
- PC.17 – Occupational asthma in female workers of detergents factory • Desdiani Muchlis, Indonesia
- PC.18 – Acute fine particulate matter exposure reduces heart rate variability in road maintenance workers • Michael Riediker, Singapore
- PC.19 – Moving towards an ageless workforce — Role of psychological well-being and mindfulness • Kavitha Palaniappan, Singapore
- PC.20 – System of occupational risks of caregivers in Colombia • Dora María Vinasco Ladino, Colombia
- PC.21 – Evaluating the effect of influenza vaccination on workers absenteeism in hospital personnel in Iran • Ehsan Rafiei Manesh, Islamic Republic of Iran
- PC.22 – Investigating and comparing the analysis of the accidents • Saghar Salajegheh, Islamic Republic of Iran
- PC.23 – The study of occupational health workforce in Thailand • Somkiat Siriruttanapruk, Thailand
- PC.24 – Assessment of occupational health and safety risks in bakeries in Turkey • Merve Nur Eren, Turkey
- PC.25 – Creating a positive safety culture and continuous improvement in Alberta’s construction industry • Afroz Farjoo, Canada
- PC.26 – HSE Index assessment — A modern and effective inspection tool • Dilip Madhavan, India
- PC.27 – Brazilian regulatory standards NR 35 — Work at height • Miguel Branchtein, Brazil
- PC.28 – HSE Index assessment: A case study from India • Ramesh Kumar Behera, India
- PC.29 – Use of personal protective equipment for the prevention of Leishmaniasis among military personnel in the Caguán area of Colombia • Aida Gonzalez, United States of America
# International Media Festival for Prevention – IMFP

## Cinema Programme

**Monday, 04 September 2017**

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<td>Media Award Winners 2017 — First Prizes</td>
<td>Peter Rimmer</td>
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<td>Migrant workers — working away from home including one Special Prize Award Winner</td>
<td>Gregor Doepke</td>
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<td>Safe behaviour</td>
<td>Gregor Doepke</td>
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<td>15:30 – 16:00</td>
<td>COFFEE BREAK</td>
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<td>16:00 – 18:00</td>
<td>Communications including one Special Prize Award Winner</td>
<td>Andrew Smith</td>
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<td>Health and wellbeing (part 1)</td>
<td>Andrew Smith</td>
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<td>Health and wellbeing (part 2)</td>
<td>Alexandra Gendre</td>
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<td>Songs about safety</td>
<td>Alexandra Gendre</td>
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# Tuesday, 05 September 2017

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<td>Media Award Winners 2017 — First Prizes</td>
<td>Rolf Schuermann</td>
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<td>Safety and safe behaviour</td>
<td>Rolf Schuermann</td>
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<td>10:00 – 10:30</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>10:30 – 12:30</td>
<td>Prevention principles</td>
<td>Alfred Brzozowski</td>
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<td></td>
<td>Learning from accidents</td>
<td>Siew Liang Yeo</td>
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<tr>
<td>12:30 – 13:30</td>
<td><strong>LUNCH BREAK</strong></td>
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<tr>
<td>13:30 – 15:00</td>
<td>Presentation of the nominated multimedia products, live interviews and Media Award Winners</td>
<td>Donna Van Bogaert, Jos De Lange, Lieve De Keyser, Sandie Brown, Veronique de Broeck, Marc De Greef, Sabine Herbst</td>
</tr>
<tr>
<td>15:00 – 15:30</td>
<td><strong>NAPO presentation</strong></td>
<td>Peter Rimmer, Gregor Doepke</td>
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<tr>
<td>15:30 – 16:00</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>16:00 – 18:00</td>
<td>Safe Youth @ Work Media Competition</td>
<td>To be confirmed</td>
</tr>
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# Wednesday, 06 September 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>09:00 – 11:00</td>
<td>Media Award Winners 2017 — First Prizes</td>
<td>Julio Franzani</td>
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<td>Accidents and the family (part 1) including one Special Prize Award Winner</td>
<td>Julio Franzani</td>
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<tr>
<td></td>
<td>Accidents and the family (part 2)</td>
<td>Mei-Li Lin</td>
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<tr>
<td>11:00 – 11:30</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>11:30</td>
<td><strong>CLOSING CEREMONY</strong></td>
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International Media Festival for Prevention – IMFP

List of contributions

**Film Productions**

- 001 – Institucional SRT 20 años • Institutional SRT 20 years • Superintendencia de Riesgos del Trabajo, Argentina
- 002 – SRT Recalificación CATALINA • SRT requalification CATALINA • Superintendencia de Riesgos del Trabajo, Argentina
- 003 – SRT Recalificacion JONATAN • SRT requalification JONATAN • Superintendencia de Riesgos del Trabajo, Argentina
- 004 – Video Institucional • Institutional video • Superintendencia de Riesgos del Trabajo, Argentina
- 005 – Arbeitsplatzevaluierung psychischer Belastungen • Evaluation of psychological stress at the workplace • vogel audiovision gmbh, Austria
- 006 – Augenblicke — Ein Film zur Geschichte der AUVA • Moments — A film on the history of the AUVA • aquamarin media, Austria
- 007 – 100% seguro frigorífico • 100% Risk-free slaughterhouse • Serviço Social Da Indústria — SESI, Brazil
- 008 – 100% SEGURO MINERAÇÃO • 100% Risk-free mining • Serviço Social Da Indústria — SESI, Brazil
- 009 – Golden Rules - Because rule #1 is to live • Vale, Brazil
- 010 – We are one. For all. • Vale, Brazil
- 011 – We weave zero harm into everything we do • Vale, Brazil
- 012 – Why take risks? Stop. Think. Care • Vale, Brazil
- 013 – #safe4life • Parachute — Leaders in Injury Prevention, Canada
- 014 – Cap sur la sécurité à bord des homardiers — Prévention des chutes par-dessus bord • Setting the course for safety — Preventing falls overboard • Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSSST), Canada
- 015 – Capsulas para Riesgos Mayores • Short videos for major risks • Mutual de Seguridad CChC, Chile
- 016 – Multimedia para la preparación de linieros eléctricos • Multimedia training for electric lineman • Unión Eléctrica (UNE), Cuba
- 017 – Der skal så lidt til • Even little things matter • Branchearbejdsmiljørådet Service — Tjenesteydelser, Denmark
- 018 – Sikker på job med Deni Jordan • Safe at work with Deni Jordan • Branchearbejdsmiljørådet Service — Tjenesteydelser, Denmark
- 019 – SkovilSne.dk • ShovelSnow.dk • BAR transport og engros / Sector Working Environment Council for Transport and Wholesale, Denmark
- 020 – Pausas Activas CEDAL • Active pauses CEDAL • Corporación Ecuatoriana de Aluminio S.A Cedal, Ecuador

Nominated for the International Media Award for Prevention
International Media Festival for Prevention (IMFP)

- 021 – Reglamento Interno de Seguridad y Salud en el Trabajo de la empresa CEDAL • Internal regulations on safety and health at work • Corporación Ecuatoriana de Aluminio S.A. Cedal, Ecuador
- 022 – Hyvä perehdytys — pohja turvallisuudelle • Good guidance — The basis for safety • Karissa Ltd, Finland
- 023 – Rengastyöt turvallisesti • Working with tyres safely • Karissa Ltd, Finland
- 024 – Avant 13 heures • Before the afternoon begins • INRS, France
- 025 – Chadebec bouscule l'affiche — 1 — L'affiche, un art au service de la prévention (1/4) • Chadebec shakes up poster design — 1 — The poster art serving risk prevention (1/4) • Institut National de Recherche et de Sécurité pour la prévention des risques professionnels (INRS), France
- 026 – Chadebec bouscule l'affiche — 2 — L'affiche, reflet d'une époque (2/4) • Chadebec shakes up poster design — 2 — Capturing an era • Institut National de Recherche et de Sécurité pour la prévention des risques professionnels (INRS), France
- 027 – Chadebec bouscule l'affiche — 3 — Renouvellement du graphiste (3/4) • Chadebec shakes up poster design — 3 — Graphic designer reinvented 3/4 • Institut National de Recherche et de Sécurité pour la prévention des risques professionnels (INRS), France
- 028 – Des outils de travail en hôtellerie • Work equipment for hotel workers • INRS, France
- 029 – Et après... • And after... • Dodin Campenon Bernard, France
- 030 – ETANDEX, entreprise de travaux spéciaux (vision zéro) • ETANDEX special works (vision zero) • CRAMIF, France
- 031 – formation gestes et postures, réception de livraison UGC • E-learning gestures and postures UGC • buzz all dream, France
- 032 – H&M Formation Gestes et Postures • H&M training movements and posture • buzz all dream, France
- 033 – La carie d’Antoine le boulanger • The carie of Antoine the Baker • AG2R La Mondiale, France
- 034 – L’asthme d’Antoine le Boulanger • Asthma of Antoine the baker • AG2R La Mondiale, France
- 035 – Le Diabète d’Antoine le Boulanger • Type 2 diabetes of Antoine the baker • AG2R La Mondiale, France
- 036 – Le sommeil: Un allié pour votre santé • The sleep, an ally for your health • AG2R La Mondiale, France
- 037 – Organisation et équipements en hôtellerie • Work equipments and organization • INRS, France
- 038 – Poussières de bois, protégeons-nous. La menuiserie et Le chantier • Wood dusts, protect ourselves. The carpentry and The construction work • INRS, France
- 039 – Un matin comme les autres • An ordinary morning • INRS, France
- 040 – Working at heights — Customized with video tool app • Working at heights (after video tool customization) • IPS & AVH Films, France
- 041 – “Auf einmal warst Du weg” • Suddenly you were away • Elvira Steppacher, Strategie Content Text, München und Datenwerk AG, Konstanz, Germany
- 042 – “Fit in fünf Minuten” (1. Staffel) und “Fit in fünf Minuten — Rückentraining für zwischendurch” (2. Staffel) • „Fit in five minutes” (1. season) and „Fit in five minutes — In-between-training for the back” (2. season) • Universität Bamberg, Germany
- 043 – “Staplerfahrer Bernd”– Fehler erkennen beim Umgang mit dem Gabelstapler • Forklift driver Bern – Possible mistakes using the forklift • Flyeralarm Industrial Print GmbH / Druckhaus Mainfranken GmbH, Germany
- 044 – “Wie Milben sich aus dem Staub machen” • “How mites make off” • BGN — Berufsgenossenschaft Nahrungsmittel und Gastgewerbe, Germany
- 045 – „3533 — Gesund und sicher im Taxi” • “3533 — Healthy and safe in the taxi” • BG Verkehr, Germany
- 046 – Auch das noch! Ein BGN-Film zur Gewaltprävention im Betrieb • The final straw — A film on violence prevention in BGN companies • Berufsgenossenschaft Nahrungsmittel und Gastgewerbe (BGN), Germany
- 047 – Aufmerksamkeit darf man nicht teilen! • Attention should not be divided • BG ETEM, Germany
- 048 – Automatic fitness • Automatic fitness • ANIMAS-FILM, Germany
- 049 – Berliner Originale zeigen Sicherheitsbewusstsein • Berliner Originale demonstrate safety awareness • Philip Morris Manufacturing GmbH, Germany
- 050 – Betriebliches Gesundheitsmanagement in 5 Minuten erklärt • Workplace Health Management explained in 5 minutes • Kommunale Unfallversicherung Bayern, Germany

Nominated for the International Media Award for Prevention
• 051 – Burnout einfach erklärt (explainity® Erklärvideo) • Burnout easily explained (by explainity®) • explainity GmbH, Germany
• 052 – Deine Sekunden • your seconds • Deutscher Verkehrssicherheitsrat, Germany
• 053 – DGUV — Dornröschen • DGUV — Sleeping beauty • DGUV Film GmbH, Germany
• 054 – DGUV — Kutschpferde • DGUV • DGUV Film GmbH, Germany
• 055 – Eine Sekunde entscheidet • Split second decision • 211entertainment — Agentur für Medienproduktion, Germany
• 056 – Einweisen beim Rückwärtsfahren — BG VERKEHR • Reversing safely • BG Verkehr, Germany
• 057 – Erstelthererin Lena (2016) • Firts aid Lena • B.H.W. — Berufsgenossenschaft Handel und Warenlogistik, Germany
• 059 – Film zur RAG-Arbeitsschutzkampagne "SICHERHEIT! Denk daran, bevor Du loslegst." • Film about the industrial safety campaign "SAFETY! Think about it before you get started" by RAG • RAG Aktiengesellschaft, Germany
• 060 – GDA — Superheld • GDA — Superhero • DOMAR Film GmbH, Germany
• 061 – Gute Gewohnheit zahlt sich aus • Good habit pays off • Elvira Steppacher, Strategie Content Text, München und Datenwerk AG, Konstanz, Germany
• 062 – Heben+Tragen • Lifting and Carrying • BG Verbrauchsgenossenschaft Handel und Warenlogistik, Germany
• 063 – Kuppeln-abe sicher! - BG VERKEHR • Coupling safely • BG Verkehr, Germany
• 064 – Mehlsaubs — ein dankes • Flour dust — no thanks! • Berufsgenossenschaft Nahrungsmittel und Gastgewerbe, Germany
• 065 – Organspende & Gewebespende einfach erklärt (explainity® Erklärvideo) • Organ donation easily explained (by explainity®) • explainity GmbH, Germany
• 066 – Präventionskampagne Hände 2016 • Prevention campaign hands 2016 • Lechwerke AG, Germany
• 067 – Rette Murphy! — Trailer • Save Murphy! — Trailer • Orange Cube Werbeagentur GmbH, Germany
• 068 – Risiko_Check • Check your risk • Deutscher Verkehrssicherheitsrat
• 069 – RWE — Vom Winde gedreht • RWE — Turned by the wind • fact+film Medienproduktions GmbH, Germany
• 070 – Sicher arbeiten bei eew energy from waste • Safety induction for contractors at eew energy from waste • konzetto media, Germany
• 071 – Sicherheitseinweisung • Security instruction • fact+film Medienproduktions GmbH, Germany
• 072 – The dialogue for compliance • Deutsche Gesellschaft für Internationale Zusammenarbeit, Germany
• 073 – Verhalten im Notfall einfach erklärt (explainity® Erklärvideo) • How to react in a case of emergency easily explained • explainity GmbH, Germany
• 074 – Wenn die Routine zur Gefahr wird • When the routine becomes a risk • Berufsgenossenschaft der Bauwirtschaft — BG BAU, Germany
• 075 – Evalu tus riesgos • Assessment your risks • Cementos Progreso S.A., Guatemala
• 076 – Visión 0 accidentes • Zero Vision Accidentes • Cementos Progreso S.A., Guatemala
• 077 – Yo soy Seguridad • I am Safety • Cementos Progreso S.A., Guatemala
• 078 – Zoila Segura • Safe Zoila • Cementos Progreso S.A., Guatemala
• 079 – 師傅再出馬 (OSH Master Chef II) • OSH Master Chef II • Occupational Safety and Health Council, Hong Kong
• 080 – Personal protective equipment (selection, usage & maintenance) • National Safety Council of India, India

Nominated for the International Media Award for Prevention
• 081 – Safety rap • Draeger India Pvt. Ltd, India
• 082 – Dehidrasikah Anda? • Are you dehydrated? • 4Life OHS Services, Indonesia
• 083 – Jangan Sepelekan Tersedak • Don’t overlook choking • 4Life OHS Services, Indonesia
• 084 – Sayangi Pendengaran Anda • Love your ear • 4Life OHS Services, Indonesia
• 085 – Back to safe • Back to safe • Eni SPA, Italy
• 086 – Choose Life — SAIPEM • Choose life • Saipem, Italy
• 087 – Teleworking • Teleworking • FILMMAKER, Italy
• 088 – Una ricetta sicura • A safe receipt • Eni SPA, Italy
• 089 – Vision Zero [The national strategy in Luxembourg] • Vision Zero [The national strategy in Luxembourg] • Association d’assurance accident (AAA), Luxembourg
• 090 – Safe and healthy workplaces campaign • Macedonian Occupational Safety and health Association (MOSHA), Macedonia
• 091 – Are you vulnerable? • Jalinan Ilmu Sdn Bhd, Malaysia
• 092 – Escalator safety tips • Jalinan Ilmu Sdn Bhd, Malaysia
• 093 – Office safety • Jalinan Ilmu Sdn Bhd, Malaysia
• 094 – SKETSO • Sketch of SOCSO • Social Security Organization (Malaysia), Malaysia
• 095 – SPA • Search, Predict, Act • Social Security Organization (Malaysia), Malaysia
• 096 – Segurança na estrada • Road safety • Cinetransformer Group, Mexico
• 097 – Kjedelig, men viktig • Boring, but important • The Norwegian Labour Inspection Authority, Norway
• 098 – The truck driver’s mother • The Norwegian Labour Inspection Authority, Norway
• 099 – 11 minut aktywności dla zdrowia • 11 minutes activities for health • CIOP-PIB, Poland
• 100 – Kapitan bezpieczeństwa — pracownik który widzi i reaguje • Safety captain — A blue collar worker, a worker who sees and reacts • Fiat Chrysler Automobiles Poland, Poland
• 101 – Promocja zdrowia w FCA Poland • Health Promotion in FCA Poland • Fiat Chrysler Automobiles Poland, Poland
• 102 – Rekonstrukcje filmowe istotnych wypadków i zdarzeń niebezpiecznych, jako nowoczesna forma oddziaływania na świadomość pracowników — kolizja maszyn górniczych w kopalni Polkowice — Sieroszowice. • Reconstructions of significant accidents and hazardous events that occurred in 2016 in the branches of KGHM Polska Miedź S.A. — collision of mining machines Mine Polkowice — Sieroszowice. • KGHM Polska Miedź S.A., Poland
• 103 – Rekonstrukcje wybranych wypadków i zdarzeń niebezpiecznych, które wystąpiły w roku 2016 w oddziałach KGHM Polska Miedź S.A. — wypadek poparzenia lukiem elektrycznym w ZG Lubin • Reconstructions of selected accidents and hazardous events that occurred in 2016 in the branches of KGHM Polska Miedź S.A. — an electric arc shock in Mine Lubin • KGHM Polska Miedź S.A. Poland
• 104 – Protect your safety and health while working in Korea • Protect your safety and health while working in Korea • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
• 105 – The rules of the lotto • The rules of the lotto • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
• 106 – 보호구 지급 및 착용 • Personal protective gear • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
• 107 – 조리실 안전 • Safety in kitchen • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
• 108 – Управление компетентностью - борьба с травматизмом. • Competency management is the traumatism reduction. • KuzbassCOT, Russian Federation
• 109 – Be aware (Safety Starts With Me Competition 2014) • Workplace Safety and Health Council Singapore
• 110 – Be safe! Be sound! (WSH Song Writing Competition) • Workplace Safety and Health Council, Singapore

Nominated for the International Media Award for Prevention
• 111 – Beat the heat guide (Safety Starts With Me Competition 2014) • Workplace Safety and Health Council, Singapore
• 112 – Before it’s too late (Safety Starts With Me 2016) • Workplace Safety and Health Council, Singapore
• 113 – Beng and the bus (Safety Starts With Me Competition 2014) • Workplace Safety and Health Council, Singapore
• 114 – Design for Safety Video • Workplace Safety and Health Council, Singapore
• 115 – Dreams • Workplace Safety and Health Council, Singapore
• 116 – Dress to shield NOT dress to kill • Management Development Institute of Singapore, MDIS, Singapore
• 117 – Enhanced risk management • Workplace Safety and Health Council, Singapore
• 118 – Everybody makes a difference • Everybody makes a difference • PSA Corporation Limited, Singapore
• 119 – Good habits (Safety Starts With Me Competition 2015) • Workplace Safety and Health Council, Singapore
• 120 – How to be safe at work (Safety Starts With Me Competition 2014) • Workplace Safety and Health Council, Singapore
• 121 – How you work is how you live (TV commercial) • Workplace Safety and Health Council, Singapore
• 122 – I can, you can, we all can (WSH Song Writing Competition) • Workplace Safety and Health Council, Singapore
• 123 – Introduction to laboratory safety and health in NUS • National University of Singapore, Singapore
• 124 – Managing heat stress (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore
• 125 – Needs vs wants (Safety Starts With Me Competition 2015) • Workplace Safety and Health Council, Singapore
• 126 – Office beverages (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore
• 127 – Safe and sound (WSH Song Writing Competition Promotional Video) • Workplace Safety and Health Council, Singapore
• 128 – Safety begins with me • National University of Singapore, Department of Biochemistry, Singapore
• 129 – Safety starts with everyone (Safety Starts With Me Competition 2015) • Workplace Safety and Health Council, Singapore
• 130 – Safety, your word your life (WSH Song Writing Competition) • Workplace Safety and Health Council, Singapore
• 131 – Shifted (Safety Starts With Me Competition 2014) • Workplace Safety and Health Council, Singapore
• 132 – Shoelaces (TV commercial) • Workplace Safety and Health Council, Singapore
• 133 – Stay safe (Safety Starts With Me Competition 2016) • Workplace Safety and Health Council, Singapore
• 134 – Steer clear (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore
• 135 – Stretch or snap (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore
• 136 – Take 5+ Total Workplace Safety and Health • PSA Corporation Limited
• 137 – Total WSH • Workplace Safety and Health Council, Singapore
• 138 – Wake up (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore
• 139 – What does safety and health mean? (Safety Starts With Me Competition 2016) • Workplace Safety and Health Council, Singapore
• 140 – Work smart work safe (Safety@Work Creative Awards 2014) • Workplace Safety and Health Council, Singapore

• 141 – WSH Conference opening video • Workplace Safety and Health Council, Singapore
• 142 – WSH Conference Symposium 7 • Workplace Safety and Health Council, Singapore
• 143 – You matter, safety matters. • Wong Fong Academy, Singapore
• 144 – Utmaningen — en film om den sjuka jobbstressen • Stress @ work • Swedish Work Environment Authority, Sweden
• 145 – (de): Mit der Leiter? So geht’s weiter!; (fr): Les échelles? Il n’y a pas qu’elles!; (it): Scala sì o scala no? Consigli per l’uso! • Working with ladders? This is the way to go! • Suva, Switzerland
• 146 – Be smart work safe — Wer mitdenkt hat mehr von seiner Freizeit • Be smart work safe — Think first and enjoy your free time
• Eidgenössische Koordinationskommission für Arbeitssicherheit EKAS, Switzerland

Nominated for the International Media Award for Prevention
• 147 – Because we care — Our mission zero program • Because we care — Our mission zero program • Philip Morris International Management S.A., Switzerland

• 148 – Lasten clever anpacken / Portez futé • Clever handling of loads • Suva (Swiss National Accident Insurance Fund), Switzerland

• 149 – Live your story safely • ABB, Switzerland

• 150 – SuvaPro «Der lange Weg zurück» • The long way back • Suva, Switzerland

• 151 – Top of safety • Top of safety • Jungfraubahnen, Switzerland

• 152 – Danger — It’s all in your mind — National Museum of Natural Science • National Museum of Natural Science, Taiwan, China

• 153 – 遠離危機-臺中捷運鋼箱樑掉落事故 • Staying away from crisis: The accident of the falling steel box girder of Taichung MRT construction • Institute of Labor, Occupational Safety and Health, Ministry of Labor, Taiwan, China

• 154 – 1 Office Safety (Helmo), Health and Safety Department — Dubai Municip. • Dubai Municipality, United Arab Emirates

• 155 – Beauty parlor inspection — Health and Safety Department — Dubai Munip • Dubai Municipality, United Arab Emirates

• 156 – Heat stress video • Dubai Municipality, United Arab Emirates

• 157 – Is your home safe? • Dubai Municipality, United Arab Emirates

• 158 – Is your home safe? — House Assistance • Dubai Municipality, United Arab Emirates

• 159 – Is your home safe? — Introduction video • Dubai Municipality, United Arab Emirates

• 160 – Is your home safe? Chemicals • Dubai Municipality, United Arab Emirates

• 161 – Occupational Health and Safety Inspection in industries • Dubai Municipality, United Arab Emirates

• 162 – OHS Audit — Health and Safety Department • Dubai Municipality, United Arab Emirates

• 163 – OHS Inspection in infrastructure (Health and Safety Department) • Dubai Municipality, United Arab Emirates

• 164 – Salon inspection — Health and Safety Department • Dubai Municipality, United Arab Emirates

• 165 – Electrical safety DVD • Institution of Occupational Safety and Health (IOSH), United Kingdom

• 166 – Epic: A day in the death of Michael Clark • Active Training Team Limited, United Kingdom

• 167 – IOSH ‘Safety starts at school’ videos • IOSH, United Kingdom

• 168 – IOSH Sun safety in construction film • Institution of Occupational Safety and Health (IOSH), United Kingdom

• 169 – MEWPs for managers • IPAF, United Kingdom

• 170 – Napo in... back to a healthy future • Napo in... back to a healthy future • European Consortium, United Kingdom

• 171 – Napo in... shocking situations • Napo in... shocking situations • European Consortium, United Kingdom

• 172 – Napo in... when stress strikes • Napo in... when stress strikes • European Consortium, United Kingdom

• 173 – Pay it forward safety • Latitude Productions Ltd, United Kingdom

• 174 – Pre-start inspection boom lift • International Powered Access Federation, United Kingdom

• 175 – Pre-use inspection (vertical lift) • IPAF, United Kingdom

• 176 – Safety by numbers • Safety by numbers • Latitude Productions Ltd, United Kingdom

• 177 – The last word • British Safety Council, United Kingdom

• 178 – Your choice • ACTIVE TRAINING TEAM LIMITED, United Kingdom

• 179 – Safety day 2016 • Lockheed Martin, United States of America

• 180 – Safety moments video of the flight-control ergonomic rotational device (FRED) • Lockheed Martin, United States of America

• 181 – Safety moments video of the palmdale participatory ergonomics process • Lockheed Martin, United States of America

Nominated for the International Media Award for Prevention
Multimedia Productions

- 182 – Safe Work Australia’s Virtual Seminar Series • Safe Work Australia’s Virtual Seminar Series • Safe Work Australia, Australia
- 184 – #safe4life • Parachute – Leaders in Injury Prevention, Canada
- 185 – CARTILLA LÚDICA DE RIESGO ELÉCTRICO • Booklet for electrical risk • M&M Creative Ideas — Fractal Digital, Colombia
- 186 – Ergo-tools • Ergo Tools • Universidad del Rosario, Colombia
- 187 – La Gestión de Riesgos en la Era Digital • Risk management in the digital age • Administradora de Riesgos Laborales ARL SURA, Colombia
- 188 – WeQaYa Association Facebook page • WeQaYa Association, Egypt
- 189 – Safety force • Eiffage Infrastructures Gestion Et Developpement, France
- 190 – Video tool • Video Tool • IPS & AVH FILMS, France

- 191 – Video tool: How does the app works? • IPS & AVH FILMS, France
- 192 – Working at heights • Working at heights • IPS & AVH FILMS, France
- 193 – Working at heights / Travaux en Hauteur • Working at heights • IPS & AVH FILMS, France
- 194 – App Risikoanalyse • App risk analysis • Unternehmensberatung Stotrop, Germany
- 195 – Das sichere Lager in der Warenlogistik - sicheres-lager.de • Safe warehouse logistics — Sicheres-lager.de • Berufsgenossenschaft Handel und Warenlogistik (BGHW), Germany
- 196 – Die BGN-Azubi-App „In den Beruf starten — fit und gesund“ • The BGN app for apprentices “Start your career — Fit and healthy” • Berufsgenossenschaft Nahrungsmittel und Gastgewerbe (BGN), Germany
- 197 – German road safety — App • Deutscher Verkehrsicherheitsrat e.V., Germany
- 198 – GHS-Jewels • GHS, Germany
- 199 – Internet-orum zum Betrieblichen Gesundheitsmanagement • Internet forum for corporate health management • BGN, Germany
- 200 – KANelot online — das Spiel: Von der Idee zur Norm • KANelot online — The game: From the idea to the standard • Kommission Arbeitsschutz und Normung (KAN) — Geschäftsstelle, Germany

- 201 – Online-Lernprogramm “Sicher arbeiten - Gesundheit schützen” (2016) • Online training “Safe work-health protection” • BGHW (Berufsgenossenschaft Handel und Warenlogistik), Germany
- 202 – Parkour – aber sicher! • Safe parkouring • Unfallkasse Hessen, Germany
- 203 – PENNY E-Learning „Brandschutz“ — REWE • PENNY e-learning “fire prevention” • REWE Deutscher Supermarkt AG & Co. KGaA, Germany
- 204 – PSA-Audit — Einfache Verwaltung von PSA-Artikeln und integrierte Sachkundprüfung • PSA-Audit — Simple PPE article management and integrated audits • Georg Henkel und Christoph Huppertz, CGH IT-Solutions GbR, Germany
- 205 – Rette Murphy! • Save Murphy! • VBG — Ihre gesetzliche Unfallversicherung, Germany
- 206 – Rette Murphy! — Playground • Save Murphy! — Playground • Orange Cube Werbeagentur, Germany
- 207 – Sicheres Krankenhaus • Safe hospital • DGUV, Germany
- 208 – VBG-Kundenmagazin Certo als Web-App • Web-app of VBG’s customer magazine Certo • VBG — Ihre gesetzliche Unfallversicherung, Germany
- 209 – Zeckenschutz • Protection against ticks • Unfallkasse Hessen, Germany

- 210 – Zeckenschutz • Protection against ticks • Unfallkasse Hessen, Germany
- 211 – Tehran Occupational Health & Safety Responsible Association, Islamic Republic of Iran

Nominated for the International Media Award for Prevention
International Media Festival for Prevention (IMFP)

- 211 – Bee Secured • Jalinan Ilmu Sdn Bhd, Malaysia
- 212 – Standards everywhere series • Jalinan Ilmu Sdn Bhd, Malaysia
- 213 – Azupoly - REWE • Azupoly • REWE Deutscher Supermarkt AG & Co. KGaA, Poland
- 214 – Customizable infographics and articles as a form of presentation of industrial hygiene and safety work content supporting the implementation of a long-term program to improve the safety and health at work in KGHM Polska Miedz S.A. • KGHM Polska Miedz S.A., Poland
- 215 – Falls in construction, it’s all of a sudden • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
- 216 – In Winter, carelessness leads to serious accidents • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
- 217 – Warning sign for life turns on silently • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
- 218 – Medicine, when used properly. Poison, when used wrongly. • KOSHA (Korea Occupational Safety and Health Agency), Republic of Korea
- 219 – Customizable infographics and articles as a form of presentation of industrial hygiene and safety work content supporting the implementation of a long-term program to improve the safety and health at work in KGHM Polska Miedz S.A. • KGHM Polska Miedz S.A., Poland
- 220 – Safety and Health with George and Hazel • Workplace Safety and Health Council, Singapore
- 221 – Safety First with Ken and Friends • Workplace Safety and Health Council, Singapore
- 222 – CUIDA TU VOZ • Look after your voice • Mutua Universal, Spain
- 223 – The balance guide — Life with work • PREVENT, Sweden
- 224 – Prevents lilla brevskola om stress • PREVENT, Sweden
- 225 – The safety representative’s best friend • PREVENT, Sweden
- 226 – HS Is your home safe? • Dubai Municipality, United Arab Emirates
- 227 – 2013 Global Framework — Safety, health and security for work-related international travel and assignments. • International SOS Foundation, United Kingdom
- 228 – International SOS Assistance Centre 360 Virtual Tour • International SOS Assistance Centre 360 Virtual Tour • International SOS, United Kingdom
- 229 – IOSH no time to Lose campaign • Institution of Occupational Safety and Health (IOSH), United Kingdom
- 230 – IPAF eLearning • IPAF, United Kingdom
- 231 – Return on prevention — Cost-benefit analysis of prevention measures • International SOS Foundation, United Kingdom
- 232 – Travel risk map 2017 — Global health and travel security risks review • International SOS Pte Ltd, United Kingdom
- 233 – Wolseley “Essentials of Safety Management” Course • Tribe Culture Change, United Kingdom
- 234 – Ergonomics in the workplace • ABM, United States of America
- 235 – Mobile NIOSH pocket guide to chemical hazards (mNPG) • United States National Institute for Occupational Safety and Health (NIOSH), United States of America

Nominated for the International Media Award for Prevention
Technical Tours

The Organisers have lined up 19 local and 1 overseas technical tours as part of the Congress programme to enrich delegates’ appreciation of the key industries and occupational safety and health developments in this region.

Local Technical Tours

3M

3M has been improving lives in Singapore for more than 50 years. Since its founding in 1966, 3M Singapore has grown from its humble beginnings with 8 employees, to a company with more than 1,600 employees. Local capabilities have been established to serve the needs of local, regional and global customers, while ensuring safety and health risks are well managed whenever 3M operates.

3M has been protecting people in a wide variety of workplace environments for decades and provides a full portfolio of safety solutions, from personal protective equipment to solutions for slips, trips and falls prevention. The latest addition of Capital Safety – which specialises in fall protection training and products – further bolsters 3M’s safety platform leadership, and allows the company to bring a wider array of safety solutions to more customers worldwide.

Delegates to 3M will be able to explore the world of 3M science and its core technologies behind solutions that enhance the safety, security and productivity of people, facilities and systems across the world.

For more information on 3M Singapore, visit www.3M.com.sg.

Bok Seng Logistics Pte Ltd

Bok Seng Logistics Pte Ltd has been providing total logistics services since 1975. We specialise in managing projects with complex logistics needs and our main business activities include Integrated Logistics Management and Project Logistics Management.

Over the years, Bok Seng Logistics has built up our reputation as a one-stop logistics service provider, known for providing reliable and comprehensive solutions to our clients. We receive and handle cargo; provide trucking, temporary storage, undertake necessary value-added services and do delivery to local or regional destinations.

We also customise packages to meet clients’ specific demands and support infrastructure developments such as power plants, mass rapid transport, flyovers, modules and electrical houses for oil, gas and marine related projects, total plant transfer, transformers, machineries, reactors, or elevators and escalators’ positioning and installation. Our experienced professionals undertake planning, forecasting and pre-scheduling every move before execution giving customers complete confidence.

During the technical visit, you will learn about our commitment towards upholding a safe working environment and on how we synergise the strengths of our people to ensure safe, seamless operations at all times.

For more information on Bok Seng Logistics, visit our website at www.bokseng-IPL.com.
Changi Airport Group (Singapore) Pte Ltd (CAG) was formed on 16 June 2009 and the corporatisation of Singapore Changi Airport followed on 1 July 2009. As the company managing Changi Airport, CAG undertakes key functions focusing on airport operations and management, air hub development, commercial activities and airport emergency services. CAG also manages Seletar Airport and through its subsidiary Changi Airports International, invests in and manages foreign airports.

Over the past three decades, CAG has successfully established Changi Airport as the world’s most awarded airport, with more than 500 accolades under its belt. Today, Changi Airport is the world’s sixth busiest airport for international traffic. It served a record 55.4 million passengers from around the globe in 2015. As air traffic continues to grow, the safety of its passengers and airport community will remain CAG’s top priority, CAG has consistently achieved the International Federation of Air Line Pilots’ Association’s deficiency-free rating, a standard it has maintained for 34 consecutive years since Terminal 1’s opening in 1981.

Through this technical tour, delegates will be given the opportunity to get a glimpse into the efforts put in by the staff of CAG in ensuring high standards of safety and efficiency at Changi Airport.

For more information on Changi Airport Group (Singapore), visit www.changiairportgroup.com

Established in 1802, DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace ever since. For more than two centuries, DuPont has built up world famous safety culture and owned many plants of best safety practices cross the industries it has been involved. The safety expertise sharing can help improve the workplace safety record of customers all over the world.

Among the numerous innovative products, materials and services provided by DuPont, DuPont™ Thermo-Man™ is one of the most advanced thermal burn injury evaluation devices in the world. The device, a life-sized instrumented mannequin covered with 122 heat sensors, was first developed in conjunction with the U.S. Government in 1970’s. In 2016, DuPont invested a new ThermoMan™ testing facility in Singapore – the fifth ThermoMan™ proprietary testing lab worldwide. ThermoMan™ can help complement safety research, elevate fire safety awareness and serve customer’s needs with the goal to save lives by effectively stimulating the real-life flash fire scenarios and predicting burn injuries.

Experience DuPont 200+ years safety heritage, witness the industrial best-safety-practice plant and the state-of-the-art testing on site through this technical tour.

Note: DuPont™ and ThermoMan™ are trademarks of E. I. du Pont de Nemours and Company.
Established in 1982, Galmon is the pioneer of mobile elevating work platform (MEWP) use in Singapore. With a fleet of more than 3,000 MEWPs, Galmon caters to the needs of different industries including construction, marine and aviation sectors. The Galmon Academy is an accredited training provider for MEWPs and the only PASMA-approved training centre outside Europe. This technical tour will introduce delegates to Galmon's latest range of work-at-heights equipment and training solutions.

*For more information on Galmon, visit [www.galmon.com](http://www.galmon.com)*

**Jewel Changi Airport**

Currently under construction by a joint venture company between Woh Hup (Private) Limited and Obayashi Singapore, Jewel Changi Airport will be a massive glass-and-steel complex with a total gross floor area of about 1.4 million square feet. The unique curved complex will feature twin centerpiece attractions, a 40-metre tall waterfall and a large-scale, lush indoor garden. Upon completion, it will improve the connectivity between Changi Airport Terminals 1, 2 and 3, as well as the Changi Airport MRT station.

The technical tour will provide delegates an overview of construction methods used to build the unique glass-and-steel dome. It will also offer a sneak peek on how the leisure attractions and retail areas will be interconnected within the complex via the indoor garden area.

**JurongHealth Campus**

JurongHealth Campus is a part of the National University Health System (NUHS) group, serving the community in the western region of Singapore.

JurongHealth Campus comprises the integrated 700-bed Ng Teng Fong General Hospital (NTFGH) and 400-bed Jurong Community Hospital (JCH) which were designed and built together from the ground up as an integrated development to complement each other for better patient care, greater efficiency and convenience. NTFGH and JCH were envisioned to transform the way healthcare is provided, and together with the National University Hospital, National University Polyclinics, Jurong Medical Centre, family clinics and community partners, to better integrate healthcare services and care processes for the community in the west.

*For more information on JurongHealth Campus, visit [www.juronghealth.com.sg](http://www.juronghealth.com.sg)*
Keppel FELS

Keppel Offshore & Marine (Keppel O&M) is a global leader in offshore rig design, construction and repair, ship repair and conversion, and specialised shipbuilding. Headquartered in Singapore, it has 20 yards and offices worldwide to be near its customers and markets.

The yard tour will be an opportunity for you to have a glimpse of Keppel O&M’s Offshore Division, helmed by Keppel FELS, a leading designer, builder and repairer of mobile offshore rigs. The yard and its network of offshore yards have successfully delivered almost half of the world’s newbuild jackup rigs and semisubmersibles in the past decade. In 2013, it set a Guinness World Record in delivering 21 rigs in a year, safely and on schedule.

The yard has rigorous safety processes, initiatives and training programmes to create a strong safety environment. It won 12 SHARP awards at the WSH Awards 2016 and works closely with customers, vendors and regulators to ensure the highest safety standards at its yards.

LTA

Land Transport Authority (LTA) was formed in 1995. It is responsible for planning, operating, and maintaining Singapore’s land transport infrastructure and systems.

Its aim is to make public transport and other mobility forms healthier, greener and more sustainable.

LTA manages and oversees the construction of rail and roads infrastructure projects. The Thomson-East Coast Line is one of the current rail infrastructure under construction. The 43km Thomson-East Coast Line will add 31 new stations to the existing rail network, with 7 interchange stations, that will link to the East-West Line, North-South Line, North-East Line, Circle Line and the Downtown Line.

LTA has appointed GS Engineering & Construction Corp as its main contractor for the Woodlands Station of the Thomson-East Coast Line. GS E&C promotes a strong safety culture in the delivery of its projects. The tour will be an opportunity for delegates to have a glimpse at the ongoing construction works and safety management on site.

Marina Bay Sands

Marina Bay Sands is Asia’s leading destination for business, leisure and entertainment located in the heart of Singapore’s Central Business District. Boasting a luxury hotel, state of the art convention and exhibition facilities, theatres, dining, entertainment and retail, it has transformed Singapore’s tourism landscape since 2010. A recipient of over 320 awards since its opening, it is committed to providing a safe and healthy workplace for guests and employees through its adoption of best practices, technologies and methodologies in the areas of workplace safety and health. Through the tour, you will see how Marina Bay
Sands—with 9,500 employees working in a gross floor area of 581,400 square metres—provides world-class service while ensuring a safe workplace for everyone.

Nestlé

Nestlé Singapore was first established in 1912. It is a wholly owned subsidiary of Nestlé SA, which is headquartered in Vevey, Switzerland.

Globally, Nestlé employs more than 330,000 people and has 436 factories in 85 countries.

Its Jurong factory first opened its doors in 1968. As an earlier pioneer in the newly created Jurong Industrial Estate then, Nestlé chalked up several key milestones.

Nestlé has successfully increased productivity by over 50% in its Protonmalt® plant and continues to expand progressively over the years. In addition, its production increased massively by 20 times from its humble beginnings. Today, it is the world’s largest producer for malt extract.

This technical tour provides delegates with deeper insights on how Nestlé’s Jurong factory maximises operational efficiencies while upholding stringent quality standards in food safety & HACCP, quality management, hygiene and good manufacturing practices.

Today, its Jurong factory remains among the most efficient, competitive and trustworthy factory in Singapore.

Paya Lebar Quarter

The S$3.2 billion Paya Lebar Quarter will be a centrally located mixed-use development and a key catalyst to URA’s masterplan to regenerate Paya Lebar. It will be a bustling, pedestrian-friendly, new city precinct and a dynamic regional business hub with a distinctive sense of place and cultural identity.

Developed by Lendlease, an international developer with a strong track record in urban regeneration projects around the world, the technical tour will showcase Lendlease’s robust risk management approach that aims to prevent introduction and release of harm to workers. Delegates will also be introduced to various initiatives that leverage on technology to achieve desired safety outcomes.

For more information, please visit https://www.payalebarquarter.com.

Pfizer Global Supply

Pfizer Global Supply (PGS) is a globally competitive internal and external supply network providing high-quality innovative solutions for our customers. Our colleagues make certain that the entire range of Pfizer products, offered in more than 175 markets, are produced to the highest standards, in complete compliance with all applicable regulations, and always available when they are needed.

The Active Pharmaceutical Ingredients (API) plant is registered as Pfizer Asia Pacific Pte Ltd. The plant has been designed with the integration of new technologies and pharmaceutical manufacturing processes. Environmental, health and safety considerations for both our colleagues and the community were also a priority when designing this state of the art Singapore facility.
PSA Corporation, a fully-owned subsidiary of PSA International, operates the world’s largest container transhipment hub in Singapore, linking shippers to an excellent network of major shipping lines with connections to 600 ports globally. Shippers have access to daily sailings to every major port in the world at this mega hub. The technical tour will showcase the most advanced terminals at Pasir Panjang with the latest port innovations, and underscore PSA’s commitment to providing a safe and healthy work environment for its staff, customers and contractors.

PUB is a statutory board under the Ministry of the Environment and Water Resources. It is the national water agency that manages Singapore’s water supply, water catchment and used water in an integrated way. Singaporeans have been enjoying clean water for more than five decades. This is attributed to sound watershed management, effective water treatment processes and continued investments in R&D. Singapore’s tap water is well within the World Health Organization’s (WHO) drinking water guidelines, and is suitable for drinking without further filtration.

Today, Singapore is fully served by modern sanitation. Used water is collected through a network of sewerage pipes that leads directly to water reclamation plants. Currently, there are four water reclamation plants serving a population of over 5 million and treating about 223,200 Olympic-size swimming pools of used water per year. The treated used water meets international standards stipulated by the US Environmental Protection Agency and WHO.

The technical tour will host delegates to Changi Water Reclamation Plant (CWRP), the heart of Deep Tunnel Sewerage System Phase 1. Sited on 32 hectares of land, this state-of-the-art water reclamation plant is capable of treating 920,000 cubic metres of used water a day. Delegates will also learn about the safety initiatives implemented by CWRP. For more information on DTSS Phase 1 & 2, please log on to www.pub.gov.sg/dtss.

SATS is Asia’s leading provider of Food Solutions and Gateway Services.

For more than 65 years, SATS has been delivering an unparalleled customer experience through its suite of integrated services. Its comprehensive gateway services encompass airfreight handling, passenger services, ramp handling, baggage handling, aviation security services, aircraft interior and exterior cleaning as well as cruise centre management. Its food solutions include airline catering, institutional and remote catering, aviation laundry as well as food distribution and logistics. Today, SATS is present at 53 cities, 47 airports and 14 countries across Asia and the Middle East.
As it continues to connect its services across the region, SATS is committed to creating and maintaining a safe work environment for its people, and upholding its world-class safety record. SATS has a comprehensive Occupational Health & Safety policy, and monitors accidents and injuries across its entire operations.

Through this technical tour, delegates will be introduced to the extensive range of ground support equipment used in airport operations and award-winning safety solutions deployed by SATS in its ground handling operations.

For more information on SATS, visit www.sats.com.sg.

Sembcorp Marine

Sembcorp Marine is a leading global offshore and marine engineering player, with an international network of strategically-located yards in Singapore, Indonesia, India, the United Kingdom and Brazil. The Group partners with major owners, contractors, operators and oil companies in some of the industry’s most complex and demanding rig, floater, repair, upgrade, offshore platform and specialised shipbuilding projects. The technical tour will give delegates insights into how Sembcorp Marine’s Tuas Boulevard Yard maximises its operational synergy and production efficiency whilst managing health, safety and environment responsibilities as a top priority. The Tuas Boulevard yard boasts optimised docking and berthing facilities, an improved dock and quay ratio, a centralised work efficient layout as well as integrated facilities.

For more information on Sembcorp Marine, visit www.sembmarine.com

Tower Transit Group

Tower Transit is a young and innovative transport operator with an expertise in bus franchising. We work with governments to bring clean, reliable, efficient and personable bus services to the world’s top cities. Established in the UK in 2013, Tower Transit operates some of the busiest bus routes in central London and leads the way in new technology trials of zero-emission buses. In 2015, competing with some of the world’s biggest bus operators, Tower Transit was awarded the Singapore government’s first competitively-tendered bus operations contract for 26 routes. Tower Transit Singapore commenced operations in May 2016 and introduced global best practices in workplace health and safety. A strong safety culture aided by the use of technology has also quickly taken shape with sharp reductions in accident rates.

The Tower Transit Group was named “International Business of the Year” at the British Expertise International Awards 2017 and won “Best Workplace Culture & Engagement” at the HRM Awards 2017.

For more information, visit www.towertransit.co.uk or www.towertransit.sg
Established in 1990 and with its headquarters in Singapore, Yang Kee Logistics was founded with only a fleet of two trucks as a trucking company, and today, we are an end-to-end global supply chain logistics partner with a global presence in eight countries.

Our services and infrastructure has evolved together with our customers’ needs over time. Taking into consideration the size and complexity of our clients’ logistics needs, we have invested in many state-of-the-art facilities. Today, with over 1.2 million square feet of built-up area of warehouses, Yang Kee is one of the top logistics and warehousing companies in Singapore, with its very own Chemical Logistics Hub that caters to the growing needs of the chemical industry.

Yang Kee provides services such as international freight forwarding, warehousing, dangerous goods storage, trucking and distribution to specialised project logistics for customers. Steering the company is a global team of over 400 Yang Kee network and employees who are equipped with in-depth expertise and experience in a wide range of industries, including the chemical, consumer and industrial, food, oil and gas, and healthcare sectors.

Learn about our welfare and safety tips at this technical tour, as we also share with you the entrepreneurial journey towards becoming a global logistics company.

For more information on Yang Kee Logistics, visit www.yangkee.com.

Social Security Organisation’s (SOCSO) Rehabilitation Centre in Malacca, Malaysia began operations on 1 October 2014. The Centre demonstrates Malaysia’s national commitment towards improved rehabilitation and return to work outcomes for workers with injuries or illnesses. The Centre provides comprehensive physical and vocational rehabilitation services, together with disability management system, to injured workers so that they may recover and return to work. This technical tour will introduce delegates to the medical rehabilitation services available in the Centre as well as “robotic therapy” and “industrial rehab technology”.

For more information on Social Security Organisation, visit www.perkeso.gov.my/en

Yang Kee Logistics

Overseas Technical Tours

SOCSEO Rehabilitation Centre
Malacca, Malaysia
Social Tours

Courtesy of Singapore Tourism Board.
Social Tours

A Colonial District Walk

Price / Schedule
Date: 4 September 2017, Monday
Meeting time: 08:45am
Tour Starts: 9.00am – 1.00pm
Duration: 4hrs
Meeting Point: Marina Bay Sands Convention (outside Hall B)
End Point: Marina Bay Sands Convention Drive-way

Description
Immerse yourself in the colonial history of Singapore on this walking tour of the city's colonial landmarks. While you learn about Singapore’s era as a British colony after Sir Stamford Raffles arrived here in the 1800s and the British influence, you’ll visit the Supreme Court (and its viewing deck), St Andrew’s Cathedral, CHIJMES and the Raffles Hotel, all of which are within walking distance of each other.

Highlights
- Venture onto Coleman Street and get to know the man behind all the early colonial architecture of Singapore.
- Trace the fascinating history of the Armenian Diaspora at the Armenian Church — the oldest church in Singapore and a beautiful gem of a building surrounded by lush tropical fauna.
- Hear the colourful stories of the French missionary and discover their imprint at the gorgeous CHIJmes building, a former Convent.
- Re-live the nostalgia of the Golden Era of Travel at one of Singapore's last remaining grand bungalows, now better known as the Raffles Hotel.
- Visit the National Gallery Singapore which consists of two national monuments, the former Supreme Court and City Hall and have played a significant role in Singapore’s history.
- Enjoy a rare view of the cityscape from atop the Supreme Court Viewing Deck/ National Gallery which overlooks the Future Down Town as our guide shares exciting snippets of major upcoming projects.

- Explore the 150-year-old Saint Andrew’s Cathedral, witness to many historic events and personalities of colonial Singapore.
Singapore Up Close

Schedule
Date: 5 September 2017, Tuesday
Meeting time: 01:45pm
Tour Starts: 2.00pm – 6.00pm
Duration: 4hrs
Meeting Point: Marina Bay Sands Convention (outside Hall B)
End Point: Marina Bay Sands Convention Drive-way

Description
Explore the heartlands and take a glimpse into the real Singapore! Join us on this walking tour of Toa Payoh, the very first satellite town established by the Housing Development Board (HDB).

Highlights
- To understand the real Singapore, a visit to a public housing estate will prove enlightening and informative.
- Stroll through the Toa Payoh town centre and learn how the design of the town centre and its range of amenities helps facilitate the lifestyles of Toa Payoh residents, young and old.
- We’ll visit the headquarters of the HDB and learn more about Singapore housing story.
- Explore a nearby housing estate where you’ll gain some insights into the habits and practices that are unique to Singaporean apartment-dwellers. Learn about features and initiatives that encourage community bonding.
- Next, we will visit one of the HDB apartment owned by a Singaporean.
- We’ll make a stop at a local institution — a food market (Tiong Bahru or Toa Payoh) where you will learn how to order some local coffee or tea, like a real Singaporean!
A War Trail

Schedule

Date: 6 September 2017, Wednesday  
Meeting time: 01:45pm  
Tour Starts: 2.00pm – 6.00pm  
Duration: 4hrs  
Meeting Point: Marina Bay Sands Convention (outside Hall B)  
End Point: Marina Bay Sands Convention Drive-way

Description

Hear the story of the Defense and Fall of Singapore during WWII and visit sites dedicated to the memory of all who fought and suffered during those dark years of captivity.

Highlights

- Visit Battlebox at Fort Canning Hill, British Far East Command, where the decision to surrender was made.
- Visit Kranji War Cemetery and uncover stories behind the war heroes and heroines commemorated at this Commonwealth War Graves Cemetery.
Speakers, Authors

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- Abd Ghani, Naziadin • BP PETRONAS Acetyls Sdn Bhd, Malaysia • S32
- Abdallah, Amani, Prof • Faculty of Medicine, Suez Canal University, Egypt • P24.14, PC.10
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International Labour Organization

The International Labour Organization (ILO) is the UN agency that specialises in the world of work. It was founded in 1919 as part of the Treaty of Versailles that ended World War I to reflect the principle that universal and lasting peace can only be achieved if it is built on social justice.

The ILO is the only “tripartite” United Nations agency that brings together representatives of governments, employers and workers to shape policies and programmes for social justice and decent working and living conditions for all women and men. For this it was awarded the Nobel Peace Prize in 1969.

The protection of workers against sickness, diseases and injury is a primary task of the Organization, which is also responsible for drawing up and overseeing international labour standards (Conventions and Recommendations)—many of which address occupational safety and health. This unique arrangement gives the ILO an edge in incorporating “real world” knowledge about employment and work.

In 2008, the ILO constituents adopted the ILO Declaration on Social Justice for a Fair Globalization, which articulates the contemporary vision of the ILO’s mandate in an era of globalisation. In 2009, the ILO adopted the Global Jobs Pact, which serves as a policy framework for measures centred on investment, employment and social protection to accelerate jobs recovery in a time of crisis. In 2012, the ILO adopted a Recommendation concerning national floors of social protection (No.202), which advocates for the establishment of social protection floors as a fundamental element of social security systems and the progressive extension of social security to as many women and men as possible.

The ILO works towards ensuring a shift from the global challenge of decent work deficits towards the achievement of sustainable development. Today, there are 185 ILO member States, and the ILO convenes a yearly general assembly—the International Labour Conference, an executive council—the Governing Body, and comprises a permanent secretariat—the International Labour Office, based in Geneva, Switzerland.

To learn more about the ILO, visit www.ilo.org.

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 Organisers

Ministry of Manpower, Singapore

Guided by our Vision of “A Great Workforce A Great Workplace”, the Singapore Ministry of Manpower (MOM) works to achieve a globally competitive workforce and great workplace for a cohesive society and a secure economic future for all Singaporeans.

The Ministry seeks to enable Singaporeans to meet the challenges of the global economy in the 21st century, to have the skills and opportunity to realise their potential, have rewarding careers in quality work environments, and enjoy economic security. A great workplace goes beyond a safe, healthy and harmonious organisational work environment, to include a strong tripartite framework and relationship between the government, employer organisations and worker organisations.

The Occupational Safety and Health Division (OSHD) is the division under MOM that regulates workplace safety and health (WSH) in Singapore. Its vision is a safe and healthy workplace for everyone; and a country renowned for best practices in WSH. OSHD works with employers, employees and other stakeholders to identify, assess, and manage WSH risks to eliminate death, injury and ill-health.

OSHD is also the World Health Organization’s Collaborating Centre for Occupational Health, the International Labour Organization (ILO) CIS National Centre for Singapore, the current Secretariat for the ASEAN Occupational Safety and Health Network (ASEAN-OSHNET). MOM’s Commissioner for WSH also serves as the current Secretary-General of the International Association of Labour Inspection (IALI).

To learn more about MOM’s initiatives in WSH, visit www.mom.gov.sg/workplace-safety-and-health

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 www.issa.int/prevention
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Ministry of Manpower, Singapore — MOM

Er Ho Siong Hin, IOC Chairman

Dr Gan Siok Lin, Executive Director WSH Institute

Ho Lai Fung, Director WSH Council

Wilbur Oh, Senior Assistant Director

International Labour Organization — ILO

Nancy Leppink, Chief, Labour Administration, Labour Inspection and Occupational Safety and Health Branch (LABADMIN/OSH)

Joaquim Paulo Pintado Nunes, Senior Specialist, Labour Inspection and Occupational Safety and Health, LABADMIN/OSH

Frank Muchiri, Senior Occupational Safety and Health Specialist, LABADMIN/OSH

Yuka Ujita, Labour Administration and Inspection Officer, LABADMIN/OSH

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Bernd Treichel, Technical Specialist in Prevention

Graham Paul Minton, Director, ISSA Member Services and Promotion

Christian Sprotte, Head of Press and Communications

Congress President

Er Ho Siong Hin, Commissioner for Workplace Safety and Health, Ministry of Manpower, Singapore

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Workplace Safety and Health Institute
MCI Group Asia Pacific Pte Ltd
The Ministry of Manpower, Singapore would like to thank the following organisations for their support for the XXI World Congress on Safety and Health at Work 2017.

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The World’s Port of Call
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<tr>
<td>ASEAN-OSHNET</td>
<td>Association of Southeast Asian Nations Occupational Safety and Health Network</td>
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<tr>
<td>COMPTRASEC CNRS-University of Bordeaux</td>
<td>Centre de droit comparé du travail et de la sécurité sociale</td>
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<tr>
<td>DGUV</td>
<td>German Social Accident Insurance (Deutsche Gesetzliche Unfallversicherung)</td>
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<tr>
<td>DLPW (Thailand)</td>
<td>Department of Labour Protection and Welfare, Ministry of Labour, Thailand</td>
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<tr>
<td>ENETOSH</td>
<td>European Network Education and Training in Occupational Safety and Health</td>
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<tr>
<td>EU-O SHA</td>
<td>European Agency for Safety and Health at Work</td>
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<td>HPB</td>
<td>Health Promotion Board, Singapore</td>
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<td>HSE</td>
<td>Health and Safety Executive</td>
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<td>IALI</td>
<td>International Association of Labour Inspection</td>
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<td>ICOH</td>
<td>International Commission on Occupational Health</td>
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<td>IDMSC</td>
<td>International Disability Management Standards Council</td>
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<td>IEA</td>
<td>International Ergonomics Association</td>
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<tr>
<td>ILO</td>
<td>International Labour Organization</td>
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<td>INRS</td>
<td>Institut National de Recherche et de Sécurité (France)</td>
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<tr>
<td>INSHPO</td>
<td>International Network of Safety and Health Practitioner Organisations</td>
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<tr>
<td>IOE</td>
<td>International Organisation of Employers</td>
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<tr>
<td>IOM Singapore</td>
<td>Institute of Occupational Medicine, Singapore</td>
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<tr>
<td>IOSH</td>
<td>Institution of Occupational Safety and Health</td>
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<tr>
<td>ISSA</td>
<td>International Social Security Association</td>
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<tr>
<td>ISSA Agriculture</td>
<td>ISSA International Section on Prevention of Occupational Risks in Agriculture</td>
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<tr>
<td>ISSA Chemistry</td>
<td>ISSA International Section on Prevention in the Chemical Industry</td>
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<tr>
<td>ISSA Construction</td>
<td>ISSA International Section on Prevention in the Construction Industry</td>
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<tr>
<td>ISSA Education and Training</td>
<td>ISSA International Section on Education and Training for Prevention</td>
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<tr>
<td>ISSA Information</td>
<td>ISSA International Section on Information for Prevention</td>
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# List of Abbreviations

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<tr>
<th>Abbreviations</th>
<th>Full Name</th>
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<tr>
<td>ISSA Machine and System Safety</td>
<td>ISSA International Section on Machine and System Safety</td>
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<td>ISSA Mining</td>
<td>ISSA International Section on Prevention in the Mining Industry</td>
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<tr>
<td>ISSA Prevention Culture</td>
<td>ISSA International Section for a Culture of Prevention</td>
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<tr>
<td>ISSA Transportation</td>
<td>ISSA International Section on Prevention in Transportation</td>
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<tr>
<td>ITUC</td>
<td>International Trade Union Confederation</td>
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<tr>
<td>KOSHA</td>
<td>Korean Occupational Safety and Health Agency</td>
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<tr>
<td>MoLSS, Turkey</td>
<td>Ministry of Labour and Social Security, Turkey</td>
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<tr>
<td>MOM, Singapore</td>
<td>Ministry of Manpower (Singapore)</td>
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<tr>
<td>MSAH Finland</td>
<td>Ministry of Social Affairs and Health (Finland)</td>
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<td>NIDMAR</td>
<td>National Institute of Disability Management and Research</td>
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<tr>
<td>NSC (US)</td>
<td>National Safety Council (United States of America)</td>
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<td>NSCS</td>
<td>National Safety Council of Singapore</td>
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<tr>
<td>OSHC, Hong Kong</td>
<td>Occupational Safety and Health Council, Hong Kong</td>
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<tr>
<td>Safe Work Australia</td>
<td>Safe Work Australia</td>
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<tr>
<td>SISO</td>
<td>Singapore Institution of Safety Officers</td>
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<tr>
<td>UNITAR</td>
<td>United Nations Institute for Training and Research</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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<tr>
<td>SAWS China</td>
<td>State Administration of Work Safety (China)</td>
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</tbody>
</table>
Travel Information

Time Zone: Singapore’s time zone is GMT +8.

Official languages: English is the main working language in Singapore. Other official languages used are Mandarin Chinese, Malay or Tamil.

Water: You can drink water straight from the tap as the water in Singapore passes World Health Organisation standards. You can also buy bottled water easily.

Electricity: The standard electrical current used in Singapore is 220–240 volts AC (50 cycles) and the British BS1363 three-pin rectangular socket is commonly used.

Smoking: Smoking is not allowed in all air-conditioned places, such as malls and eateries although designated smoking areas may be available in some entertainment outlets and open-air eateries. Many public places including hawker centres, bus stops, parks, and playgrounds have restrictions on smoking, and it is prohibited on public transport as well.

Weather: Singapore is hot and humid all year-round, with temperatures usually reaching over 30°C. You should be prepared for rain at any time, which can be torrential but usually brief.

Currency: The Singapore dollar (SGD) is used here and notes come in denominations of $2, $5, $10, $50, $100, $1,000 and $10,000. Coins come in 5, 10, 20 and 50 cents and $1. Money changers can be found at Changi Airport, shopping centres and hotels around the island.

ATM: There is an abundance of automated teller machines (ATMs) that accept most major credit cards, such as Visa, MasterCard and American Express.

Tipping: Tipping is encouraged when you experience good service, and this would be above the standard 10% gratuity to your bill added by most restaurants and hotels.

Tax Refund: To enjoy the refund on the 7% Goods and Services Tax (GST) paid on your purchases, you need to make a purchase of more than S$100 at participating shops. To know whether a shop is participating in the Tourist Refund Scheme, look for a “Tax Free” shopping logo or sign displayed at the shop. You can also check with the retailer whether your purchases are eligible for GST refund or visit www.yoursingapore.com/travel-guide-tips/tourist-information/gst-tax-refund.html for more information.

Cuisine: Singapore is a cosmopolitan place where people from all over the world enjoy each other’s cooking. Each culture has brought with it unique cooking styles including Malay, Chinese, Indonesian, Peranakan, Indian, Thai, Japanese and Korean; as well as cuisines from Europe, the Middle East, and America, and so on. There is a vast array of hawker stalls and restaurants, ranging from global franchises to gourmet delicacies to fancy six-star settings.

Wifi and Connectivity: You can register for a free public Wi-Fi account with your foreign mobile numbers at any Wireless@SG hotspot. Overseas charges may apply. You may also choose to purchase a Singapore prepaid SIM card from either M1, Singtel or Starhub which offer a variety of packages. Prepaid SIM cards are easily purchased at the telcos’ retail counters and convenience stores like 7-Eleven and Cheers through the island, as well as at Singapore Changi Airport at Changi Recommends, currency exchange and telcos’ retail counters. You will have to produce your passport for registration when purchasing a prepaid SIM card.

Visa: Most foreigners coming into Singapore do not require visas for entry and may be given social visit passes for up to 30 days upon their arrival in Singapore. However, it is best to consult your local consular office for the latest information. If you would like to stay in Singapore for a longer period, you may apply to the Immigration & Checkpoints Authority (ICA) upon your arrival. You should have a valid passport with at least 6 months validity, onward or return tickets, onward facilities (such as visas or entry permits) to your next destination, and of course, sufficient funds for your stay in Singapore.

Useful telephone numbers:
Emergency or medical police: 999 (toll-free)
Ambulance: 995 (toll-free) or 1777 (non-emergency)
Flight information: 1800 542 4422
Singapore Immigration Department: (65) 6391 6100
Singapore Tourism Board: 1800 736 2000 (toll-free)
Global Refund Singapore (GST Refund): (65) 6225 6238
Getting to Singapore

Most people arrive in Singapore by air. Its status as a major airline hub in Asia makes Singapore a natural starting or ending point for a multi-country tour of Southeast Asia. Most large international airlines have routes to Singapore, in addition to the island’s own highly regarded airline, Singapore Airlines.

By Air

Singapore’s Changi Airport is one of the busiest and best connected in the world, handling over 100 airlines flying to some 300 cities. There are four local carriers, including the world-renowned Singapore Airlines and budget airlines, Tiger Airways and Scoot.

The award-winning airport itself is jam-packed with activities and amenities, making it a world-class attraction in its own right.

Singapore Changi Airport
Address: Singapore Changi Airport
Website: www.changiairport.com

By Land

Driving into Singapore from West Malaysia is a relaxing and scenic way of getting here. Singapore has two land checkpoints, at Tuas in the West and Woodlands in the North. Both checkpoints operate 24 hours a day.

Tuas Checkpoint
Address: 601 Jalan Ahmad Ibrahim, Singapore 018956

Woodlands Checkpoint
Address: 21 Woodlands Crossing, Singapore 018956

Getting around Singapore

Getting around Singapore is fairly easy. Singapore has a transport network that offers access to every corner of the island, either by bus, MRT (the island’s underground rail network) or taxi.

By Train (MRT)

Singapore’s Mass Rapid Transit (MRT) system is probably the fastest way to zip around the city. The extensive rail network means that most of Singapore’s key attractions are within walking distance from an MRT station.

You can buy tickets for single trips, but if you intend to use the MRT and bus services frequently during your visit, you can buy a Singapore Tourist Pass, a special EZ-Link stored-value card which will allow you unlimited travel for one day (S$10), two days (S$16) or three days (S$20). The cards can be bought at the TransitLink Ticket Office at the following MRT stations: Changi Airport, Orchard, Chinatown, City Hall, Raffles Place, Ang Mo Kio, HarbourFront, Bugis, Lavender and Bayfront.


Singapore’s trains and stations are accessible to wheelchair users, the visually impaired and families with strollers.
**By Bus**

Singapore’s bus system has an extensive network of routes covering most places in Singapore and is the most economical way to get around, as well as being one of the most scenic.

You can pay your bus fare using an EZ-Link stored-value card or the Singapore Tourist Pass, which you tap on the card reader located next to the driver as you board. Do remember to tap your card again, on the reader located at the rear exit, when you alight. You can also pay in cash but you will need exact change to do so. Buses in Singapore have air-conditioning—a welcome comfort in a tropical city.

Public bus services are operated by four main bus operators in Singapore: SBS Transit Ltd, SMRT Buses Ltd, Tower Transit Singapore, and Go-Ahead Singapore.

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**By Taxi**

Taxis are comfortable and especially handy if you want to go to places not easily accessible by the bus or MRT. Taxis here are metered, but there may be surcharges depending on when, where and which company’s taxi you board.

To get a rough idea of the final fare, check with the driver on the surcharges and ask for a receipt at the end of the trip. You can hail a taxi by the roadside at most places, or by queuing for one at taxi stands found at most shopping malls, hotels and tourist attractions. If you wish to book a cab, you can call a common taxi booking number, (65) 6342 5222, and your call will be routed to an available taxi company’s call centre.

You may also use dedicated mobile applications to book a cab from the major taxi companies in Singapore, such as via SMRT Book a Taxi, ComfortDelGro Taxi Booking App, or Trans-Cab Services Pte Ltd. Alternatively, you may also download third-party mobile applications such as Grab or Uber for private-car hires.
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