



INTERNATIONALE FACHMESSE
MIT KONGRESS
INTERNATIONAL TRADE FAIR
WITH CONGRESS

- PERSÖNLICHER SCHUTZ
SAFETY
- BETRIEBLICHE SICHERHEIT
SECURITY
- GESUNDHEIT BEI DER ARBEIT
HEALTH AT WORK

AplusA.de



36. INTERNATIONALER KONGRESS FÜR ARBEITSSCHUTZ UND ARBEITSMEDIZIN
SICHERHEIT – GESUNDHEIT – ERGONOMIE

36TH INTERNATIONAL CONGRESS FOR OCCUPATIONAL SAFETY AND HEALTH
SAFETY – HEALTH – ERGONOMICS

5 - 8 NOVEMBER 2019
DÜSSELDORF, GERMANY



ALLGEMEINE HINWEISE
GENERAL INFORMATION

KONGRESSZEITEN

Dienstag, 5. November bis Donnerstag, 7. November
10:00–12:30 Uhr und 14:00–17:00 Uhr
ab 18:00 Uhr: Come Together

Freitag, 8. November
9:45–13:00 Uhr

Alle Zeitangaben sind Richtwerte und können sich aus aktuellen Anlässen ändern. Programmänderungen sind nicht beabsichtigt, jedoch jederzeit möglich. Die Veranstaltungen können zu jedem Zeitpunkt aufgesucht oder verlassen werden. Anmeldungen oder Reservierungen für bestimmte Veranstaltungen sind daher nicht möglich. Bitte finden Sie sich rechtzeitig in den Kongressräumen ein. Die Veranstaltungen müssen für weitere Besucher geschlossen werden, wenn alle Sitzplätze belegt sind.

ANERKENNUNGEN UND ZERTIFIZIERUNGEN

Betriebs- und Personalräte

Der A+A Kongress ist anerkannt als geeignete Schulungsmaßnahme im Sinne des Betriebsverfassungsgesetzes (§ 37 Abs. 7) und des Bundespersonalvertretungsgesetzes (§ 46 Abs. 7). Unabhängig von dem Fortbildungsfreistellungsanspruch des einzelnen Betriebsratsmitglieds nach § 37 Abs. 7 BetrVG hat das Betriebsratsgremium das Recht, dass von ihm bestimmte Betriebsratsmitglieder (durch Betriebsratsbeschluss) für die Teilnahme an Schulungs- und Bildungsveranstaltungen befreit werden, soweit diese Kenntnisse vermitteln, die für die Arbeit des Betriebsrats erforderlich sind (§ 37 Abs. 6 BetrVG).

Betriebsärzte, Fachkräfte für Arbeitssicherheit, Sicherheitsingenieure

Die Tagung ist Fortbildungsveranstaltung für Fachkräfte für Arbeitssicherheit und Betriebsärzte gemäß § 2 (3) ASiG bzw. § 5 (3) ASiG.

Der VDSI – Verband für Sicherheit, Gesundheit und Umweltschutz bei der Arbeit honoriert den Besuch des Kongresses mit folgenden Punkten: Teilnahme am Kongress an einem Tag: 2 Punkte
Teilnahme am Kongress an zwei und mehr Tagen: 4 Punkte
Als Nachweis dient die Kongresskarte.

Ärzte

Die Anerkennung für das „Fortbildungszertifikat der Ärztekammer“ der Ärztekammer Nordrhein mit 6 Fortbildungspunkten je Kongresstag bzw. 3 Punkten je Kongress-Halbtage ist beantragt.

Quality Office Consultants

Die Teilnahme an den mit einer QO-Nummer gekennzeichneten Veranstaltungen wird mit jeweils 3 bzw. 8 Punkten im Rahmen der Quality-Office-Fortbildung bewertet.

Certified Disability Management Professional (CDMP)

Der Besuch der A+A 2019 wird mit 14 Stunden für die CDMP Weiterbildung anerkannt.

Die Deutsche Gesellschaft für Arbeitshygiene e.V. (DGAH) vergibt für eine ganztägige Teilnahme 2 DGAH Punkte und je einen DGAH Punkt für Teilnahme an einem Kongress-Halbtage.

Schwerbehindertenvertretung

Die Teilnahme am Kongress ist eine Fortbildungsmaßnahme gemäß § 96 Abs. 4 SGB IX

FOTO- UND VIDEOAUFNAHMEN

Wir möchten Sie ausdrücklich darauf hinweisen, dass im Rahmen des A+A-Kongresses sowie der A+A Fachmesse von diesen Veranstaltungen und damit auch von den teilnehmenden Personen Fotografien und Videoaufnahmen durch von uns beauftragte und/oder akkreditierte Personen und/oder Dienstleister angefertigt werden. Weitere Einzelheiten auf Seite 116.

OPENING HOURS

Tuesday, 5 November to Thursday, 7 November
10:00 a.m.–12:30 p.m. and 2:00 p.m.–5:00 p.m.
from 6:00 p.m.: Come Together

Friday, 8 November
9:45 a.m.–1:00 p.m.

All time data are guideline figures and subject to change if needed. Changes in the programme are not intended but subject to change as well. There is no registration nor reservation for sessions. The session rooms can be entered and left at any time. Please arrive at the session rooms in time. The event has to be closed for further attendees when all seats are taken.

TRAINING CERTIFICATES

The A+A Congress is certified by several German certification bodies in the field of OSH training. Non-German attendees are requested to ask for certificates of attendance at the information desk in the entrance hall of CCD.

PHOTO AND VIDEO RECORDING

We would like to draw your attention to the fact that during the event, photographs and video recordings are taken by persons and/or service providers commissioned and/or accredited by us. More details on page 116.

COME TOGETHER

End your day at the Congress with a drink and a bite to eat! Meet and chat with other participants and enjoy the music. Come along on Tuesday, 5 November to Thursday, 7 November, from 6:00 p.m. to around 7:30 p.m.

Index Sessions in English Language

Welcome Address of the German Minister of Labour and Social Affairs	76
Welcome Word from Basi Presidents	78

Tuesday, 5 November 2019

Opening with Key Note	80
Future of Work	81
Prevention 4.0 – The Joint German Occupational Safety and Health Strategy	82
German Occupational Safety and Health Award Ceremony	84
Vision Zero Business Council Meeting – Vision Zero and Globalization	85

Wednesday, 6 November 2019

Good Work Worldwide	86
Vision Zero – Innovation in Prevention – Opening Session	88

Thursday, 7 November 2019

Vision Zero – Innovation in Prevention –	
Vision Zero Initiatives and Occupational Priorities	89
Personal Protective Equipment	90
Future of OSH in Europe	91
Network Meetings and Workshops	
ENETOSH – How to reach young people?	92
ENSHPO – Linking environmental protection and occupational health and safety	94
ISHCCO – Occupational Health and Safety Professionals: qualified for Europe	95



Welcome to the 36th International Congress for Occupational Safety and Health – A+A 2019

In terms not only of how we work and of occupational safety and health, but also in terms of inclusion, participation and work-life balance, the digital transformation of our world of work and the way we live is both the central challenge, as well as a great opportunity. Intelligent sensors, smart glasses, collaborative robots, exoskeletons and other innovative assistance systems are increasingly being used in production and services, in logistics, in the trades and in offices. Machines, robots and processes are increasingly controlled via the Internet. „Industry 4.0“ or „Work 4.0“ are the key terms in the discussion about the opportunities for new business models and markets, new scope for action, more flexibility, but also about the dangers of constant availability, the misuse of data and the blurring of boundaries as to where and when work can be done.

In addition to the impact of digital transformation, the other current major challenges for the world of work are demographic change and the ageing of the workforce against the backdrop of a widespread shortage of skilled labour. We are responding to these challenges in a particularly important area, the care sector. With the concerted care initiative, Germany's Federal Government has begun to comprehensively and quickly improve working conditions and pay for those who care for the elderly and for nurses in order to inspire more people to work in care professions. The fields of occupational safety and health and workplace health promotion also have a role to play.

With the green paper and white paper on „Work 4.0“ my predecessor Andrea Nahles launched a discussion on the following issues: „How will we work and how do we want to work in the future“. The current Federal Government also wants to actively influence the course digital transformation, involving the social partners and mitigating the social impact of technological changes. Continuing education is the key to decent digital work. We have launched an interministerial offensive for education, research and digital transformation. In our „spaces for experimentation“, we created a platform to test the balance between flexibility and protection on the basis of concrete examples in companies.

We are taking a close look at occupational safety and health, especially with a view to the challenges of our digital age. Occupational safety and health, inclusion and health promotion need to be considered together with innovation.

The Joint German Occupational Safety and Health Strategy (GDA) is starting a new five-year period in 2019. The overarching goal is ensuring that work is safe and healthy with the aid of risk assessment. The goal of „living and working healthily“ set down in the Prevention Act is to be linked with the goals of GDA to form a uniform system of goals. This year the first national prevention report will be published, which will also give us indications on how we can strengthen binding and target-oriented cooperation, above all of the social insurance institutions, and also how to improve the integration of workplace health promotion and occupational safety.

Digital transformation is closely linked to an increase in psychological stress factors such as time and performance pressure, work interruptions and multi-tasking. It remains our task to integrate this into the procedures and systems of occupational health and safety.

But even the „traditional“ burdens have by no means been eradicated. Around one in eight workers is frequently exposed to dust, smoke, gases or vapours while at work. In the service sector we see a comparatively large number of activities predominantly done while standing and a situation where working hours are frequently unfavourable. Even within the framework of the digital transformation, we are not only seeing the development of new kinds of work with a good income and creative, self-determined working conditions, but also simple basic jobs, which still comprise around 20 percent of all jobs. Ensuring that this is decent work is a special concern of an initiative of my ministry – for example also the legislative initiative to secure a minimum wage for parcel couriers.

In a globalised world of work, we also bear international responsibility for effective occupational health and safety throughout the entire supply chain. The „Decent Work Worldwide“ initiative will therefore be continued. A central element of this initiative is the „Vision Zero Fund“, which is intended to promote occupational health and safety projects in production countries, for example the establishment of labour inspectorates and accident insurance. I am pleased that this initiative will be taken up in one of the key events at the A+A Congress 2019.

The further development of occupational health and safety as an instrument for influencing the transformation in the world of work requires exchange and dialogue among experts. The A+A Congress, which takes place every two years in Düsseldorf, offers an ideal setting for this as a large national and international forum on occupational health and safety, workplace health promotion and ergonomics. It brings together the latest research findings with the practical experience of companies, social partners, associations and institutions.

On behalf of the organisers I cordially welcome you to the A+A Congress 2019!



Welcome word from Sonja König
Basi President,
German Confederation of Trade Unions (DGB)

Dear Colleagues and Friends,

The digital transformation is rapidly changing how we work and live. Young people, in particular, are facing existential questions about their very future as a result of the precarious employment situation and climate change.

Workers are expected to be flexible, mobile, self-sufficient and constantly willing to adapt to changes in work and the market. This means that they have to intensify their performance and be constantly available. All this while 'old' dangers such as noise, hazardous substances, and biological hazards remain still relevant. The framework conditions of work are becoming more flexible and the boundary between work and private life is becoming more and more blurred. It's for these reasons, that the German trade unions welcome the ruling by the European Court of Justice that companies must accurately record the working hours of their employees. In terms of collective bargaining, substantial progress has been made in reducing these pressures and increasing the ability of workers to control their own working hours.

The German trade unions expect the third period of the Joint German Occupational Safety and Health Strategy (GDA) to make a significant contribution to reducing these stresses and strains. In order to create decent work and continuously improve it, there must be a comprehensive assessment of working conditions, particularly of psychosocial risks. One of the cornerstones for this are the labour inspectorates and supervisory services provided by the federal states and accident insurance institutions – in both

we need a significant increase of staff. The first National Prevention Report must be used as the basis for systematically improving preventive measures and health promotion as well as cooperation between all stakeholders. The creation of good working conditions for long-term care workers is a top priority. Now more than ever, holistic advice on safety and health at work needs a multi-professional approach. The new version of DGUV Regulation 2 must ensure that this happens.

Developments at European and international level are also important. Transparency and sustainability in the supply chain as well as the establishment of occupational health and safety structures in the countries of origin are essential for creating decent work and ending exploitation in developing countries. European health and safety policy must also help to ensure a high level of healthy and safe work in all Member States.

The A+A Congress, the leading joint event for safety, health and work design, covers all of these topics. It offers a unique opportunity, especially for safety representatives, works councils and representatives for the severely handicapped, to find out about new developments and to talk with experts and other colleagues.

I warmly invite you to visit the A+A Congress 2019!

Yours,

Sonja König



Welcome word from Saskia Osing
Basi President,
Confederation of German Employers' Associations
(BDA)

Dear Colleagues and Friends,

Safety and health at work are of a high standard in our country. The number of accidents at work has now reached an all-time low, and severe physical strain continues to decline. Our performance in occupational safety and health is also very high by international standards; emerging economies, in particular, are drawing on our positive experiences. I am therefore pleased that one of the key events at the A+A Congress 2019 will feature presentations on projects to develop occupational safety and health structures in regions such as Asia and Africa.

Although there are still 'conventional' challenges facing occupational safety and health, the mental health of employees is playing an increasingly important role. Although mental illnesses are often a result of non-occupational circumstances, the large number of psychological illnesses being diagnosed, and the resulting absenteeism, create considerable problems for companies. Physical and mental health is also an important foundation for being highly competitive. Health problems in companies mean reduced productivity and decreased competitiveness, a link that is particularly important in the context of demographic change.

In its third strategy period, the Joint German Occupational Safety and Health Strategy (GDA) has set itself the goal of ensuring the safe and healthy design of work using risk assessments. Specific topics being addressed include musculoskeletal diseases, psychological stress and dealing with carcinogenic hazardous substances. Employers actively support these activities and are also committed

to risk assessments. However, it is also necessary for employees to take responsibility for their own health and for social security activities to be better coordinated in order to take advantage of the preventive services they offer.

At present, digitalisation and Work 4.0 are gaining in importance. It is becoming increasingly clear that the digital transformation offers tremendous opportunities for occupational safety and health, especially for inclusive work design and greater participation of disabled persons in the labour market. Innovative assistance systems will therefore play a central role at the A+A Congress 2019. There is no need for new legal regulations to regulate digital change and no need for additional bureaucracy such as that threatened by the ECJ ruling on working time.

The A+A Congress 2019 will address all of these current topics of safety, health and ergonomics in over 40 series of events.

I cordially invite you to find out more about the latest developments in occupational safety and health at A+A 2019, and to exchange ideas and experiences with other experts.

Yours,

Saskia Osing

Tuesday
5. November
9:30 – 18:00
1st Floor, Room 2

Future of Work

Start 9:30!

The future of work is the overarching theme on Day 1 of the A+A Congress 2019.

Congress Opening

At the opening of the A+A Congress, trend researcher Franz Kühmayer will address the question of why we need to completely rethink work – which social and economic factors will change work in the future and what effects will there be on working life and how we understand work?

Future of Work (page 81)

In the previous parliamentary term, the Federal Ministry of Labour and Social Affairs' Green Paper and White Paper on 'Work 4.0' kicked off a widespread discussion of the consequences and possible responses to changes in where, when and how we work. This will be taken up in the morning at the event 'Work 4.0'. The event will start with an overview of the current state of digitalisation, followed by a look at the tasks and strategy for research, development and standardisation with respect to the future of work. In deliberate contrast to the term 'New Work', the topic of 'Basic Work' will be discussed using examples from the logistics sector. Although we are now in Work 4.0 and Industry 4.0, basic work continues to account for approximately 20% of all work activities and continues to be an important challenge, particularly from the perspective of safety and health at work.

Prevention 4.0: Joint German Occupational Safety and Health Strategy (page 82)

Prevention must also realign itself in view of the challenges of Work 4.0. The focus of the afternoon session will be on Prevention 4.0 in the context of the Joint German Occupational Safety and Health Strategy (GDA). Participants will look ahead to the year 2030 and discuss how Prevention 4.0 can be achieved, together with the chairs of the National Occupational Safety and Health Conference and other experts. This will be followed by a return to the present with regard to the current planning and focus of the GDA: Are we on the right track and how can this common objective be achieved?

German Occupational Safety and Health Award 2019 (page 84)

The German Occupational Safety and Health Award 2019 recognises outstanding OSH solutions in the categories 'Strategic', 'Operational', 'Personal' and 'Cultural'. For the first time, a 'Best Newcomer' award will be presented to a start-up company by Messe Düsseldorf. All visitors have the opportunity to vote for their favourite, right up to the start of the event.

The presentation of the German Occupational Safety and Health Award 2019 concludes the first A+A day on the 'Future of Work'. The challenges and opportunities presented by the digital transformation in the world of work are recurrent themes at this year's A+A Congress and a defining theme at the A+A 2019 International Trade Fair.

Future of Work

Tuesday
5. November
10:00 – 12:30
1st Floor, Room 2

Organizer: Federal Ministry of Labour and Social Affairs (BMAS)

The BMAS Green Paper 'Work 4.0' discussed issues relating to tomorrow's work in a social dialogue with social partners, associations, companies, academia and citizens. The White Paper summarises the results, conclusions and ideas for shaping the societal future of work for the Federal Government and beyond. This event addresses a central theme of the White Paper: What are the opportunities and risks for workplace safety and health arising from the growing digitalisation of the world of work?

The session will begin with a presentation of facts and figures on the quantitative development of the digital transformation, followed by research priorities. The Standardisation Roadmap for an Innovative World of Work highlights the challenges for standardisation and the potential of standardisation for creating a safe and healthy world of work.

The second half of the session focuses on the impact of the digital transformation on the concept of 'basic work'. Basic work is characterised by a high substitution potential for workers and jobs, combined with low qualification requirements and, in some cases, serious health and safety problems. Digitalisation also has a significant effect on basic work. The focus for this session is on work in the logistics sector. The effects, risks and opportunities for improving the quality of work in logistics are presented from the point of view of employers, employees and occupational safety and health.

The event is aimed at employers and business interest groups, as well as all specialists in OSH, inclusion and sustainability who are active both internally and across companies.

Chair:

Peer-Oliver Villwock, BMAS

10:00 Future of Work – the strategy of the BMAS

Peer-Oliver Villwock

10:15 Safety and Health in the Digitalised World of Work – A look at digitalisation and research priorities

Dr Anita Tisch, Federal Institute for Occupational Safety and Health (BAuA)

10:40 Standardisation Roadmap for an Innovative World of Work

Philipp Albrecht, German Institute for Standardization (DIN)

10:55 Digitalisation and Work in the Logistics Sector – What next for basic work?

Dr Martin Kuhlmann, Sociological Research Institute, University of Göttingen

11:15 Break

Impetus from the Logistics Sector

11:30 Employer Perspective

Thomas Stühm, Amazon

11:45 Employee Perspective, Works Council of Deutsche Post

Wolfgang Euler, Deutsche Post AG

12:00 OSH Perspective

Dr Christian Felten, German Social Accident Insurance Institution for the Transport Industry, Postal Logistics and Telecommunications (BG Verkehr)

12:15 Final Discussion

12:30 End

Congress Opening

9:30 Welcome

Saskia Osing, Basi President

9:35 Why we need to completely rethink work

Franz Kühmayer, Zukunftsinstitut (Future Institute), Trend Researcher

9:55 Opening

Sonja König, Basi President

Tuesday
5. November
 14:00 – 17:00
 1st Floor, Room 2

Prevention 4.0 - The Joint German Occupational Safety and Health Strategy

Organizer: National Occupational Safety and Health Conference (NOSCHC)

Globalisation, digitalisation and demographic change are profoundly changing the world of work. Traditional OSH approaches and tools are becoming less adept at dealing with the new work processes and structures that are emerging in the wake of digital transformation. The number of people in the workforce, and especially the number of skilled workers, is falling sharply, and the average age of the workforce is clearly rising. As a result, good working conditions and better appreciation of employees are becoming increasingly important, including for economic reasons. This calls for new prevention and modern occupational safety and health measures. The Joint German Occupational Safety and Health Strategy (GDA) has committed itself to taking on this task. In view of these changed requirements, the Chairs of the National Occupational Safety and Health Conference (NOSCHC) will present their picture of 'GDA 2030'. The 3rd GDA Strategy Period, which has just begun, will pave the way for this new strategic direction. The event will take place in cooperation with the European Agency for Safety and Health of Work (EU-OSHA) and is divided into two discussion rounds:

Discussion Round 1: 'GDA 2030' – What do we want to achieve?

The NOSCHC Chairs, the social partners and other occupational safety experts present their ideal picture of GDA 2030 – What will the Joint German Occupational Health and Safety Strategy look like in 2030?

We will focus on the strategic importance of prevention for companies and their employees, safe work 'Made in Germany' with occupational health and safety as a cultural asset, and how we in the GDA network can learn from one other: How can existing specialist knowledge be better used in practice? Shared knowledge just like Wikipedia?

Discussion Round 2: Where do we stand today?

How do we get to GDA 2030? What approach does the 3rd GDA Strategic Period need to take?

Initially, the focus will be on the strategic goal of the 3rd GDA period 'Creating safe and healthy work: successful prevention using risk assessments'. The safe handling of carcinogenic substances; good work design for managing psychological stressors; and good work design for preventing musculoskeletal strain are the three primary health and safety objectives that are being jointly pursued.

This will be followed with a discussion on practical implementation in companies – especially in micro and small enterprises (MSEs). How can a risk assessment be carried out in a company as a process? What can science contribute to this? What can the GDA and EU-OSHA learn from each other? (e.g. SESAME project, Safe Small and Micro Enterprises)

Tuesday
5. November
 14:00 – 17:00
 1st Floor, Room 2

Chair:

Dr Armin Windel, Federal Institute for Occupational Safety and Health (BAuA)

14:00 Welcome and introduction

Dr Stefan Hussy, German Social Accident Insurance (DGUV), National Occupational Safety and Health Conference (NOSCHC)

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

14:05 Discussion Round 1: 'GDA 2030' – What do we want to achieve?

Dr Stefan Hussy

Peer-Oliver Villwock, German Federal Ministry of Labour and Social Affairs (BMAS), NOSCHC

Bettina Splittgerber, Hessian Ministry for Social Affairs and Integration (HMSI)

Kai Schweppe, Employer Association for the Metal and Electronic Industry in Baden-Württemberg (Südwestmetall)

Annika Wörsdörfer, German Confederation of Trade Unions (DGB)

Bruno Zwingmann, Federal Association for Occupational Safety and Health (Basi)

15:30 Break

Discussion Round 2: Where do we stand today? How do we get to GDA 2030?

What approach does the 3rd GDA Strategic Period need to take?

16:00 Objective of the 3rd GDA Strategic Period:

'Creating safe and healthy work: successful prevention using risk assessments'

Markus Leßmann, Ministry of Labour, Health and Social Affairs of North Rhine-Westfalia (MAGS NRW)

Dr Volker Wittneben, German Social Accident Insurance Institution for the Raw Materials and Chemical Industry (BG RCI)

Ernst-Friedrich Pernack, Ministry for Labour, Social Affairs, Health, Women and Family (MASGF)/ Committee for Workplaces (ASTA)

Jutta Lamers, German Social Accident Insurance Institution for the Health and Welfare Services (BGW)

André Große-Jäger, Federal Ministry of Labour and Social Affairs (BMAS)

Dr Michael Au, Hessian Ministry for Social Affairs and Integration (HMSI)

16:30 Implementation in companies – particularly in MSEs

Sabine Sommer, BAuA

Dr Britta Schmitt-Howe, BAuA

Julia Flintrop

17:00 End

Tuesday
5. November
17:00 – 18:00
1st Floor, Room 1

German Occupational Safety and Health Award Ceremony

Start 17:00!

Gemeinsame Deutsche Arbeits | schutz | strategie
Deutscher Arbeitsschutzpreis

The German Occupational Safety and Health Award is the major, cross-industry award for outstanding technical, strategic, organisational and cultural solutions for safety and health at work. The award is conferred by the Federal Ministry of Labour and Social Affairs (BMAS), the Federal States Committee for Occupational Safety and Health (LASI) and the German Social Accident Insurance (DGUV) as part of the Joint German Occupational Safety and Health Strategy (GDA).

In 2019, practical solutions will be awarded for the first time in four new categories: 'Strategic', 'Operational', 'Cultural' and 'Personal'. There will also be the A+A Foundation Prize for best 'Newcomer'. Join in and vote for your personal favourite from this year's nominees in the Public Favourite Award. Votes can be cast until the start of the Congress on

5 November 2019: <https://deutscher-arbeitsschutzpreis.de/nominiert.html> (German only).

The event will be hosted by journalist and TV presenter Barbara Hahlweg, who will greet the audience, the nominated companies and the jury of the German Occupational Health and Safety Award. Distinguished guests from business, politics, associations and the sciences will deliver the honours.

We look forward to seeing you at the Award Ceremony on 5 November 2019 at 5 pm in Room 1 of the CCD. Afterwards, you can meet the award winners at the informal Come Together. Online registration is free and easy: <https://deutscher-arbeitsschutzpreis.de/anmeldeformular.html> (German only).



Vision Zero and Globalization

Tuesday
5. November
14:00 – 17:00
1st Floor, Room 10

Organizer: Vision Zero Business Council
Federal Association for Occupational Safety and Health (Basi)

The overwhelming interest of companies around the world to participate in the Vision Zero Campaign of the International Social Security Association (ISSA) shows that safety, health and wellbeing are viewed as critical economic success factors.

In addition, especially international corporations are increasingly facing demands by politicians, investors and consumers to work for fair, safe and healthy working conditions at all their locations and in all economic relations.

A number of companies have recognized this trend early on and have developed global occupational

health and safety policies that apply to all manufacturing facilities, contractors and suppliers, i. e. to the entire supply chain.

At the Forum representatives of the Global Vision Zero Business Council share their experiences and illustrate how „Vision Zero“ can contribute to the development of a global culture of prevention. Leading consultancies comment and present their experiences from international practice.

The audience is invited to actively participate in the discussion.

Chair:

Hans-Horst Konkolewsky, President, International ORP Foundation

14:00 Welcome and instruction to the Forum

Hans-Horst Konkolewsky
Wolfram Diener, Messe Düsseldorf
Sonja König, Basi President, German Confederation of Trade Unions (DGB)
Marcelo Abi-Ramia Caetano, International Social Security Association (ISSA)

14:20 Promoting Vision Zero with contractors, suppliers

Lars Hoffmann, Siemens AG
Elena Kompasenko, OSH Department JSC „Zarubezhneft“

14:50 Promoting Vision Zero in international operations

Chris Venables, TESCO
Thomas Tarp, LEGO
Gianluca Capodimonte, Philip Morris International Management SA

15:35 Break

15:50 Discussion

16:05 Observations by OSH certification, consultancy and product partners

Sebastian Bartels, DEKRA
Stefan Brück, UVEX
Prof Dr Bernd Siegemund, BAD Gesundheitsvorsorge und Sicherheitstechnik GmbH

16:50 Discussion and closing

17:00 End

Wednesday
6. November
09:30 – 16:00
2nd Floor, Room 26

Good Work Worldwide – Fairness in Global Supply Chains

Start 9:30!

Organizer: Institute for Work and Health (IAG) of the German Social Accident Insurance

Global supply chains are now the common way to organise production, trade investment and employment around the world. Sustainability and good work along the entire supply chain have become a topic of international politics, especially after the 'wake-up call' of the terrible disasters in Pakistan and Bangladesh in 2012 and 2013. The G7 Summit at Schloss Elmau in 2015 and subsequent G20 Summit resolved to establish a Vision Zero Fund at the ILO to promote the development of occupational health and safety structures and local knowledge. Many changes and improvements have been made since then.

In the first part of the 'Good Work Worldwide' event, there will be a presentation of cooperation projects carried out by the German Social Accident

Insurance (DGUV), the German Society for International Cooperation (GIZ) and the ILO Vision Zero Fund in Bangladesh, Myanmar and Pakistan. This will be followed by a discussion on future strategies. Discussion rounds from politics and industry will discuss viewpoints and contributions to a strategy for fairness in global supply chains and offer an outline of future developments.

The event is aimed at experts in the field of sustainability; OSH experts, in particular those who are active internationally; business owners and employers; company interest groups; and inspectors. It will provide a unique opportunity to share experiences and jointly discuss how to address the challenges for occupational safety and health arising from global supply chains.

Chair:

Karl-Josef Thielen, German Social Accident Insurance Institution for the trade and goods logistics (BGHW)

09:30 Opening: Welcome and Introduction

Dr Christian Bochmann, IAG
Bruno Zwingmann, Federal Association for Occupational Safety and Health (Basi)
Wolfram Diener, Messe Düsseldorf

09:40 The meaning of fairness in global supply chains and the role of the DGUV

Dr Stefan Hussy, German Social Accident Insurance (DGUV)

10:00 Vision Zero Fund: Shared responsibility for global supply chains

Dr Ockert Dupper, Vision Zero Fund (VZF) at the International Labour Organization (ILO)

10:20 Good work – global challenges and solutions

Marcelo Abi-Ramia Caetano, International Social Security Association (ISSA)

10:40 A football travels the world to Bundesliga

Khurram Khawaja, Anwar Khawaja Industries together with GIZ Pakistan

11:00 Break

11:30 Working conditions and sustainability

N.N., Mohammadi Group together with GIZ Bangladesh

11:50 Ginger goes global

Dr. Pyae Phyoe Aye, Snacks Mandalay, Myanmar

12:10 Round table: Expectations of the three company representatives to the international community

12:30 Lunch break with speech in the Congress Foyer

Guido Maria Kretschmer, GMK Corporate Fashion

Wednesday
6. November
09:30 – 16:00
2nd Floor, Room 26



issa



DGUV
Deutsche Gesetzliche
Unfallversicherung
Spitzenverband

giz

Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

13:30 Introduction to the afternoon

Dr Christian Bochmann
Bruno Zwingmann

13:40 Rethinking responsibility for sustainable value chains

Gunther Beger, Federal Ministry for Economic Cooperation and Development (BMZ)

Panel discussion: Business, sustainability and global supply chain

14:00 Round 1: Politics

Gunther Beger, Federal Ministry for Economic Cooperation and Development (BMZ)
Dr Stefan Hussy, German Social Accident Insurance (DGUV)
Ansar Majeed Khan, Punjab Provincial Assembly, Government of The Punjab
Dr Ockert Dupper, Vision Zero Fund (VZF) at the International Labour Organization (ILO)
Marcelo Abi-Ramia Caetano, International Social Security Association (ISSA)
Paul Noll, Confederation of German Employers' Associations (BDA)
Frank Zach, German Confederation of Trade Unions (DGB)

14:45 Round 2: Practice

Kevin Myers, International Association of Labour Inspection (IALI)
Hans-Peter Beck, GREIFF Mode
N.N., Bangladesh Garment Manufacturers and Exporters Association (BGMEA)
Guido Maria Kretschmer, GMK Corporate Fashion
Ho Siong Hin, ISSA Prevention Section on Trade
Dr Gregor Kemper, German Social Accident Insurance (DGUV)

15:30 Outlook on next steps

Dr Stefan Hussy
Prof Dr Joachim Breuer, International Social Security Association (ISSA)

15:45 Wrap-up and closing of session

Dr Christian Bochmann
Bruno Zwingmann

16:00 End

Wednesday
6. November
17:00 – 18:30
2nd Floor, Room 26

Vision Zero – Innovation in Prevention – Opening Session

Start 17:00!

Organizer: International Social Security Association (ISSA)

Every accident can be avoided. This philosophy has proven to be an effective driving force for prevention since the earliest years of statutory accident insurance. Vision Zero is a response to this basic need to return home healthy at the end of the working day. Vision Zero is a strategy that seeks to unify the world's different standards for working conditions through a simple approach known as the 7 Golden Rules, which promote the three pillars of safety, health and well-being. But there is more to it than just that; it is also about the success of companies,

about efficient production, and about motivated and productive employees. On the first day of the conference, we will explain why Vision Zero is regarded as an innovative concept by many people involved in OSH. The focus will not just be on the global approach. A panel of experts will use practical examples to discuss how the 7 Golden Rules can be used by companies and social security institutions to promote a culture of prevention at company and national level.

Chair:

Bernd Treichel, ISSA

17:00 Opening Remarks

Prof Joachim Breuer, ISSA

17:15 Round Table

Vision Zero Strategy

Martina Hesse-Spötter, Special Commission on Prevention of the International Social Security Association (ISSA)

Vision Zero and Zero Harm Culture Siemens

Lars Hoffmann, Siemens AG

Vision Zero Training

Helmut Ehnes, International Section of the ISSA on Prevention of Occupational Risks in the Mining Industry

Vision Zero Leadership:

The 10 arguments that convince CEO's to take really care of prevention

Dominique Vacher, DV Conseils, France

18:30 End

Vision Zero – Innovation in Prevention Vision Zero Initiatives and Occupational Priorities

Start 9:00!

Organizer: International Social Security Association (ISSA)

The Vision Zero campaign, launched in September 2017 at the World Congress on Safety and Health at Work in Singapore, has already gathered over 5,000 supporters worldwide. Vision Zero represents a paradigm shift – the belief that every person can return home healthy at the end of the working day if the right preventive measures are taken. Vision Zero is a process to continuously improve safety and health at work.

On the second day of the conference, Vision Zero Community initiatives from different regions of the world will be presented. Large and small companies will show how they work with Vision Zero and what successes they have already achieved by working with the 7 Golden Rules. Presentations from Asia

and Africa will give visitors the opportunity to see the global reach of Vision Zero and understand how other regions are making health and safety a national priority through Vision Zero activities. The 7 Golden Rules also provide solutions to many of the issues currently under discussion in the international community, such as occupational diseases, migration and the digitalisation of work. A panel of international experts will outline how Vision Zero can address these challenges facing the world of work.

Following the conference, all participants are invited to take a 'Highlight Tour' of the A+A Trade Fair for the future of work (safe technology, ergonomics, PPE).

Chair:

Bernd Treichel, International Social Security Association (ISSA)

09:00 Vision Zero Company Perspectives and Partner Initiatives

Vision Zero – the Malaysian experience

Dr Mohammed Azman, Social Security Organization Malaysia

Vision Zero and the Golden Rules in Action

Malik M Jamil, Vision Technologies Corp. Pvt. Ltd, Pakistan

The Zambian Vision Zero Campaign

Dr Elizabeth Lungu-Nkumbula, Workers Compensation Fund Control Board, Zambia

Vision Zero – Building a Prevention Culture

Christopher Venables, Tesco, United Kingdom

Vision Zero – Leading Indicators

Pete Kines, National Research Center for the Working Environment, Denmark

10:15 Break

10:30 Vision Zero – Addressing Occupational Priorities

Occupational Cancer: No time to lose

Chair: Hans-Horst Konkolewsky, President, Internationaln ORP Foundation

Alan Stevens, The Institution of Occupational Safety and Health (IOSH), United Kingdom

Healthy Workplaces

N.N., Global Occupational and Workplace Health at World Health Organisation (WHO)

Migration

Dr Yuka Ujita, Labour Administration, Labour Inspection and Occupational Safety and Health Branch (LABADMIN/OSH) at ILO

Dangerous Substances

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

Prevention in the Connected Age

Dr Cameron Mustard, Institute for Work & Health, Canada

Discussion and next steps

Closing remarks

Marcelo Abi-Ramia Caetano, International Social Security Association (ISSA)

12:30 End

Thursday
7. November
09:00 – 12:30
2nd Floor, Room 26

Thursday
7. November
10:00 – 12:30
1st Floor, Room 7

Personal Protective Equipment

Organizer: German association of manufacturers of personal protective equipment (IVPS)
Personal Protective Equipment expert committee of the DGUV

Personal protective equipment (PPE) makes it possible to work safely in a variety of hazardous workplaces where collective protective measures are not possible or not adequate. PPE must be suitable for the specific application at the workplace, meet ergonomic requirements and ensure that new or additional hazards are created. The constant evolution of work processes and work environments continually creates new challenges for PPE manufacturers, companies and workers.

New materials, smart applications and networking with other products create options for providing user-oriented PPE for specific work areas and promoting its safe use.

In this session, experts in product development, research, standardisation, OSH, and the hands-on application of PPE will talk about practical approaches that can contribute to significant improvements in safety and health.

Chair:

Prof. Frank Werner, Personal Protective Equipment expert committee of the DGUV
Dr Jödis Behling, MSA Auer

10:00 Current PPE Trends – Opportunities and Challenges

Prof Frank Werner

10:10 Maintaining the standard of protective clothing

Werner Münnich, CWS-boco

10:30 Fit-Testing: a comparison of various test methods

Silke Büchl, Praevena AG

10:50 The impact of demographic change on respiratory and body protection for the future

Stefan Denker, Drägerwerk

Break

11:20 How a safety information network and connected worker transform the safety function in an Industry 4.0 environment

Marcus Dinse, Honeywell

11:40 Communicating effectively in a noisy work environment – even with a hearing impairment

Peter Sickert, Lärm- und Gehörschutz-Consult

12:00 Permeation risks and respiratory protection

Mohamed Elagrab, MSA Auer

12:20 Summary and outlook

Prof Frank Werner, Dr Jödis Behling

12:30 End

Future of OSH in Europe

Start 13:00!

Thursday
7. November
13:00 – 15:00
2nd Floor, Room 27

Organizer: European Agency for Safety and Health of Work (EU-OSHA)

EU Regulations and programmes have been of central importance for the development of uniform, modern occupational safety and health in all European countries. They regulate how products are placed on the market and traded, as well as basic obligations and measures for safety and health at work in what has become a comprehensive and differentiated European occupational health and safety system. The joint European occupational health and safety strategy has constantly developed this system further and has promoted the convergence of working conditions. As a result, the role and importance of OSH professionals, their organisations and networks in Europe has increased considerably. They are at the heart of this event.

Dr Christa Sedlatschek's keynote will deal with OSH perspectives, strategies, projects and networks in Europe. Given the far-reaching changes in the world of work, OSH faces major challenges, particularly as a result of the digital transformation and the crisis in the European Union, caused among other things by Brexit. This will be followed by a presentation about the incidence and costs of work-related accidents and illnesses in Europe. The following separate sessions of the occupational safety networks ENETOSH, ENSHPO and ISHCCO will be introduced in three statements.

The event is aimed at members of the European OSH networks and also at all OSH experts and fields.

Chair:

Bruno Zwingmann, Federal Association for Occupational Safety and Health (Basi)

13:00 Meet & Greet

13:30 Welcome

Bruno Zwingmann

13:40 The future of occupational health and safety in Europe: strategies, projects, networks

Christa Sedlatschek, EU-OSHA

14:10 Work-related accidents and illnesses: incidence, causes, costs

Dr Dietmar Elsler, EU-OSHA

14:30 Statements

How to reach young people?

Dr Ulrike Bollmann, European Network Education and Training in Occupational Safety and Health (ENETOSH)

Linking environmental protection and occupational health and safety

Prof Ralf A. Giercke, The European Network of Safety and Health Professional Organisations (ENSHPO)

Occupational Health and Safety Professionals: qualified for Europe

Dr Reinhard Obermaier, International Safety and Health Construction Coordinators Organization (ISHCCO)

15:00 End Network meeting (page 92-95)

Thursday
7. November
15:00 – 18:00
2nd Floor, Room 26

ENETOSH - Network Meeting and Workshop

How to reach young people?

Start 15:00!

Organizer: Institute for Work and Health (IAG) of the German Social Accident Insurance

How can we make sure that safety and health at work are really important to a young person? What role does this perception of your own body play? How can safety and health be tangibly experienced by a young person? How do young people's

views find their way into our prevention strategies? In the workshop approaches from Great Britain, Germany, Portugal, Spain, and the Czech Republic are not only presented, but also made tangible.

Chair:

Dr Ulrike Bollmann, European Network Education and Training in Occupational Safety and Health (ENETOSH)
Katharina Musialek, next level consulting, Austria
Dr Nuria Mancebo Fernandez, University of Girona (UdG), Spain
Diana de Sousa Policarpo, Authority For Working Conditions (ACT), Portugal

15:00 Welcome

Dr Ulrike Bollmann

15:05 Current trends in networking: ENETOSH and more

Dr Ulrike Bollmann
Tim Tregenza, European Agency for Safety and Health at Work (EU-OSHA)

15:25 A strategic approach to mainstreaming OSH: The Portuguese case of citizenship education

Ilda Figueiredo, Portuguese Ministry of Education (DGE), Portugal

Block I: Body image and sensorimotor approach

15:35 Evidence-based interventions across school and community settings to promote positive body image

Dr Helena Lewis-Smith, University of the West of England (UWE), United Kingdom
Prof Dr Peter Paulus, Leuphana University Lüneburg – Centre for Applied Health Sciences (ZAG), Germany

15:55 Sensation and movement – slipping into one's own body

Sigrid Zörgiebel-Schaefer, Treegonos, Germany

16:15 Break

Thursday
7. November
15:00 – 18:00
2nd Floor, Room 26

Block II: Experienced based learning on safety and health – Examples of good practice

16:30 Work site visits to engage students in their education

Dr Mitchel A. Rosen, Rutgers School of Public Health,
Center for Public Health Workforce Development, USA

16:45 Let's work together: Interactive tools for students and teachers

Dr Lucie Kocůrková, Technical University of Ostrava (VSB), Czech Republic

17:00 Educational landscapes in motion: Building safe and health improving learning environments

Katharina Musialek, Austria

17:15 Children research on prevention. Exploring safety and health in kindergarten and elementary school

Heike Brüggemann-Prieshoff, Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Germany

17:30 Outlook in the future

Dr Ulrike Bollmann
Dr Nuria Mancebo Fernandez
Diana de Sousa Policarpo

18:00 End

Thursday
7. November
15:10 – 18:00
2nd Floor, Room 27

ENSHPO - Network Meeting and Workshop

Linking environmental protection and occupational health and safety

Start 15:10!

Organizer: Association for Safety, Health and Environmental Protection at Work (VDSI)

As a result of globalisation and EU companies becoming increasingly interconnected, the role and importance of an Environment, Health & Safety Manager (EHS Manager) in companies is developing into a pillar of business success. The EHS Manager plays a significant role in tackling the challenge of designing work processes in such a way that they ensure the well-being, safety and health of employees while also allowing them to do their job in an intact environment.

By networking EHS managers in the European Network of Safety and Health Professional Organisations (ENSHPO) and in close cooperation with the EU Commission and related European agencies (European Agency for Safety and Health at Work, EU-OSHA, and the European Environment Agency, EEA), solutions can be found throughout Europe and new, innovative ways can be found for practical application in companies.

Chair:

Prof Ralf A. Giercke, The European Network of Safety and Health Professional Organisations (ENSHPO)

15:10 Welcome and Opening

Prof Ralf A. Giercke

15:20 Linking environmental protection and occupational safety and health through the activities of EHS Managers in Europe

Prof Ralf A. Giercke

15:40 Qualification of Experts for Environment & OSH on ESCO

Claudio Munforti, Italian Association of Occupational Safety, Health and Environment Professionals (AIAS)

16:00 IOSH-OSH 4-Element System: 1. Policy and law; 2. Inspections; 3. Company management; 4. Employee skills and competencies

Alan Stevens, Institution of Occupational Safety and Health (IOSH), United Kingdom

16:20 Break

16:30 Training to improve intergenerational cooperation in companies

Mireya Rifá Fabregat, Asociación de Especialistas en Prevención y Salud Laboral (AEPSAL), Spain

16:50 SAFETY WITHOUT BORDERS – Harmonisation of training for OSH Professionals as part of a Polish-German project

N.N.

17:10 Digital transformation and tomorrow's world of work – opportunities and risks for OSH

Katrin Zittlau, Association for Safety, Health and Environmental Protection at Work (VDSI), Germany

17:30 Final discussion. Look at future developments and upcoming ENSHPO events

Prof Ralf A. Giercke

18:00 End

ISHCCO - Network Meeting and Workshop

Qualified for Europe: the choice for Safety and Health

Start 15:00!

Thursday
7. November
15:00 – 17:10
2nd Floor, Room 28

Organizer: International Safety and Health Construction Coordinators Organization (ISHCCO)

Session will be addressing qualification of main actors in safety and health in Europe. It will present also some examples on how to prepare the future for the approaches and requirements to an evolving digital environment for safety and health. A session is a mixture of research, professional and practical work combined with presentation of case studies. It will start with a presentation of a qualification framework of construction coordinators of safety and health with competences for three levels of the European Qualification Framework. It will continue with the presentation of a case study concerning technologies to use in different types of roofing. The third presentation will consist of the analysis of cost benefit in prevention of accidents in construction case studies.

The fourth speaker will present the case studies of using digital tools to train and prepare engineers and workers to avoid unnecessary risks in construction. The fifth presentation will show how risks can be communicated from the preparation stage coordinator using notes on drawings and explore how this might be achieved more effectively in the digital environment when using Building Information Modelling and 3 dimensional drawing models. The last theme will present augmented reality environments to support construction companies to have safer environments. Last period is planned with open discussion and with presentation of main conclusions.

Chair:

Erich Leschetizky, International Safety and Health Construction Coordinators Organisation (ISHCCO)
Signe Mehlsen, Byggeriets Arbejdsmiljøbus, Denmark

15:00 Opening

Erich Leschetizky

15:05 Relevance of Qualification Frameworks in a Zero Accident Future

Dr Reinhard Obermaier, International Safety and Health Construction Coordinators Organization (ISHCCO)

15:20 Evaluation to the application of GL 92/576EC

Dr Erwin Bruch, SECOLUX, Luxembourg

15:35 Securiplac Kit

Michael Hitchcox, Dimos, France

15:50 Break

16:00 Digital Tools to train Engineers and Workers

Prof Alfredo Soeiro, ISHCCO/Ordem Engenheiros, Portugal

16:20 Communicating Risks to Constructors

Philip Baker, bps solutions LTD, United Kingdom

16:40 Augmented Reality Tools to Help Construction Companies

Helmuth Weißengruber, Doka GmbH, Austria

16:55 Concluding Remarks and Discussion

Dr Reinhard Obermaier

17:10 End