



Links to presentations and videos of presenters who gave their consent

PEROSH 2023 – 5th Research Conference & Anniversary Event Stockholm

[EVENT IMPRESSION](#)

GENERAL SPEACHES

Name	Position	Topic	Video
Nader Ahmadi Paulina Brandberg Louis Laurent	Director general, SAWEE, Sweden Swedish minister of Gender Equality and Working Life PEROSH chair, scientific director INRS, France	Introduction, opening day 1	Follow this link
Nader Ahmadi Martin Andreasson	Director general, SAWEE, Sweden State secretary to Minister of Gender Equality and Working Life	Opening day 2	Follow this link
Stefan Olsson	Deputy Director-General, Directorate-General for Employment, Social Affairs and Inclusion	Welcome address	Follow this link
Various speakers	Wrap-up and announcement of the early-stage researcher award		Follow this link
Various speakers	Thoughts on 20 years with PEROSH		Follow this link



KEYNOTE SPEAKERS

Name of presenter	Position	Title of presentation	Presentation	Video
K1 Frank Pot	First chair of PEROSH Former director of TNO Work and Employment, The Netherlands	20 years of PEROSH	Follow this link	Follow this link
K2 Claude Donald Loiselle	ILO	PEROSH; an effective regional network	Follow this link	Follow this link
K3 Ole Henning Sørensen	Ph.D. Chief Consultant, NFA, Denmark	Injecting OSH-research into policy and practice	Follow this link	Follow this link
K4 Dietmar Reinert	Director Institute for Occupational Safety and Health of the German Social Accident Insurance, Germany	Characteristics of trustworthy Artificial Intelligence	Follow this link	Follow this link
K5 Lena Abrahamsson	Professor in Human Work Science and Scientific Leader of Creaternity, Luleå University of Technology, Sweden	Work environment and gender equality in the green and digital industrial transition. How to navigate between utopia and dystopia?	Follow this link	Follow this link
K6 Sophie Ndaw	Head of toxicology department INRS, France	Advanced techniques for hazard and exposure assessments in occupational health	Follow this link	Follow this link
K7 Ruth Boumphrey	Chief Executive of Lloyd's Register Foundation	Discovering Safety Program, the world risk poll	Follow this link	Follow this link
K8 Eelco Kuijpers	TNO, The Netherlands	Smart sensors for a healthy and safe working environment	Follow this link	Follow this link
K9 Andreas Wallo	Senior Associate Professor in Education at the Department of Behavioural Sciences and Learning at Linköping University, Sweden	Thriving Together: The Importance of Leadership in Creating a Culture of Well-Being, Health and Learning for Sustainable Competence Supply Management	Follow this link	Follow this link

WORK ORGANISATION AND OSH

	Name of presenter	Institute	Title of presentation	Presentation	Video
A1	David Fishwick	HSE	Worker job satisfaction and perceived work-related stress. How did this change over the COVID-19 pandemic?	Follow this link	Follow this link
A2	Malte van Veen	TNO	Trends in mental health complaints of Dutch young workers and potential causes	Follow this link	Follow this link
A3	Randi Hovden Borge	STAMI	Does job control contribute to differences in physician-certified sickness absence across office concepts?	Follow this link	Follow this link
A4	Annette Nylund	SAWEE	Growth of healthy and good work in the Swedish business sector until the COVID-19 pandemic	Follow this link	-
	CANCELED		& Learning at work, alongside the number of OSH areas, explains the company OSH management		
A5	Johanna Nold	BAuA	Work less, feel better? Evidence on working time changes and wellbeing in Germany	Follow this link	Follow this link
A6	Daniel Köster	IFA	Inhalativ heroin exposure of workers at supervised drug consumption facilities in Germany	Follow this link	-
A7	Carlijn Brouwer	TNO	Hybrid working toolbox: The development of a toolbox to support organizations in Hybrid working	Follow this link	Follow this link
A8	Maria Johansson	SAWEE	A literature review: Managing occupational safety and health, meanings of company size and work organization	Follow this link	Follow this link
D1	Johan Stenmark	SAWEE	Psychosocial work environment and health, work-life balance, and productivity when working remotely	Follow this link	Follow this link
D2	<u>Vincent Grosjean</u> <u>Presenter:</u> Agnès Aublet-Cuvelier	INRS	In response to climate and environmental emergencies, do mission-based companies improve workers' well-being or enhance conflicts amongst workers?	-	Follow this link
D3	Luuk Bouwens	TNO	Work: a tailored intervention program for prevention of work stress	-	Follow this link
D4	Jere Immonen	FIOH	Psychological contracts in platform work - The nature of "fair deal" in diverse control structures	Follow this link	Follow this link
D5	Jorge Martín González	INSST	Psychosocial risks at digital platform work: Main factors related to stress in Spain	Follow this link	Follow this link



	Name of presenter	Institute	Title of presentation	Presentation	Video
D6	Phong Chau	STAMI	Night Work in Cold Environment	-	Follow this link
D7	Mrinal Kumar Das	STAMI	Mechanistic evidence for shiftwork-mediated cardiovascular disease: a systematic review	-	-
D8	Stavros Kyriakidis	NFA	Low back pain among eldercare workers: What is the occupational physical activity Sweet-Spot?	Follow this link	Follow this link
G1	Rigmor Knutsen	STAMI	Impact of psychosocial and mechanical work factors on medically certified sick leave due to musculoskeletal disorders	Follow this link	Follow this link
G2	Risto Nikunlaakso	FIOH	Mental Health Promotion at Social and Health Care Workplaces	Follow this link	Follow this link

OSH QUESTIONS & TECHNIQUES

G3	Jan Radosz	CIOP-PIB	Advances in noise control - sonic crystals as acoustic barriers	Follow this link	Follow this link
G4	Sandra Breuer	IFA	Generation and Extraction System for Individual Exposure	Follow this link	Follow this link
G5	Christian Werner	IFA	Improving the Understanding of Low Frequency Magnetic Field Exposure with Augmented Reality	-	Follow this link
G6	Matthias Clermont	IFA	Estimating hazards of pulling-in zones in transportation process of flexible foils on roller in foil machines. - Literature research and conception of a measurement	-	-
G7	Małgorzata Okrasa	CIOP-PIB	New ASSIST-IoT approach for a real-time risk assessment and management concerning UV light exposure at the construction site	Follow this link	Follow this link
G8	Joanna Orysiak	CIOP-PIB	Inflammation in firefighters	Follow this link	-

OSH QUESTIONS & TECHNIQUES (CHEMICAL RISK)

	Name of presenter	Institute	Title of presentation	Presentation	Video
B1	Agata Stobnicka-Kupiec	CIOP-PIB	Viruses as harmful contaminants in occupational environment	Follow this link	Follow this link
B2	Pål Graff	STAMI	Bioaerosol exposure in waste sorting plants in Norway	Follow this link	Follow this link
B3	Anna Jacobsen Lauvås	STAMI	Our waste – their disease? The airborne virus exposure of wastewater treatment plant workers	Follow this link	Follow this link
B4	Philippe Duquenne & Patricia Battais	INRS	On the opportunities and challenges for taking into account poly-exposures to chemical and biological agents in prevention: teaching from some examples in the food processing and waste treatment industries in France	Follow this link	Follow this link
B5	Solveig Krapf	STAMI	Mycotoxins, where do we find them? and why are they important?	Follow this link	Follow this link
B6	Yiqun Chen	HSE	A COVID-19 outbreak in a large meat processing plant in England: transmission risk factors and controls	-	Follow this link
B7	Christine Darbakk	STAMI	Determination of proteins in air – New specific marker of airborne exposure in the food industry	-	Follow this link
E1	Benedikt Thomas	IFA	Canister sampling of ethylene oxide - validation of a new sampling and measurement method and first field measurements in working areas	Follow this link	-
E2	Marlene Dietz	BAuA	Occupational Oral Exposure: Data and Knowledge Base for Assessment and Modelling	-	Follow this link
E3	Graciela Lopez Soop	STAMI	Development of an in vitro human liver model as a New Approach Methodology for hepatotoxicity assessment	-	Follow this link
E4	Julia Linke	IFA	A reference material for non-volatile PAHs – development, production and analysis	Follow this link	-
E5	Manuel Kühn	IFA	How occupational safety benefits from digitization - OMEGA one	Follow this link	-
E6	Mathieu Melczer	INRS	Targeted cadmium species analysis in blood for occupational exposure evaluation: a feasibility study	Follow this link	Follow this link
E7	Narech Houessou	INRS	Design and characterisation of a methodology for spatio-temporal mapping of exposures at the workplace	Follow this link	Follow this link
E8	Sarah Valentino	INRS	Metabolic disruptions following gestational exposure to organophosphorus flame retardants using blood biochemistry and fatty acids profiles	-	Follow this link
I2	Dirk Pallapies	IFA	Guidance for the quantification of substance-specific exposure-risk relationships after exposure to carcinogenic hazardous substances at the workplace	Follow this link	Follow this link

	Name of presenter	Institute	Title of presentation	Presentation	Video
13	Chloé Charlotte Schröder & Kristina Witzler	BAuA IFA	Improving Occupational Safety and Health when Working with Diisocyanates	Follow this link	-
14	Kristina Witzler	IFA	Validation of measurement methods and their uncertainty especially for gases and vapours	Follow this link	Follow this link
15	Cornelia Wippich	IFA	“MUST”– A tool for the determination of measurement uncertainty and more	Follow this link	Follow this link
16	Carina Cläsgens	IFA	Occupational Exposure to Organotin Substances: Speciation of 11 Organotin Compounds in Workplace Air Samples via HPLC-ICP-MS	Follow this link	-
17	Susann Wolf	STAMI	Understanding the mechanisms of inflammatory responses of titanium dioxide nanoparticle exposure using an ALI inhalation model	Follow this link	Follow this link
18	Elke Schneider	EU-OSHA	EU-OSHA’s initiatives to assess the exposure of workers to cancer risk factors and chemicals: gathering exposure data through the workers’ exposure survey and other means	Follow this link	Follow this link

OSH QUESTIONS & TECHNIQUES (DUST, FIBRES AND PARTICLES)

	Name of presenter	Institute	Title of presentation	Presentation	Video
H1	Hendrik Sakowsky	IFA	Development of high-volume personal aerosol samplers	Follow this link	Follow this link
H2	Johanne Ø. Halvorsen	STAMI	XRD and Rietveld Refinement - are we missing out by focusing on one component?	Follow this link	-
H3	Jackie Morton	HSE	Biomonitoring for respirable crystalline silica in UK workers: the determination of Si-containing particles in exhaled breath condensate using single particle inductively coupled mass spectrometry	Follow this link	-
H4	Peter Stacey	HSE	Technical developments to support on-site workplace measurements for respirable crystalline silica using portable Fourier transform infrared instruments	Follow this link	Follow this link
H5	Michael Hemingway	HSE	Novel sampling and real-time measurement of workplace silica exposures.	-	Follow this link
H6	Torunn Ervik	STAMI	Measurements of airborne asbestos fibres during abatement of asbestos containing materials	-	Follow this link
H7	Øyvind Pernell Haugen	STAMI	Occupational exposure to airborne micro- and nanoplastics	Follow this link	Follow this link
H8	Romain Freund	Unisanté	Long-term occupational exposure to PM10 and respiratory health of Parisian subway workers	Follow this link	-

ANTICIPATING FUTURE QUESTIONS

	Name of presenter	Institute	Title of presentation	Presentation	Video
C1	Angelika Hauke, Eva Flaspöler	IFA	The German Social Accident Insurance's Risk Observatory: Future trends and their impact on OSH	Follow this link	-
C2	Marc Malenfer	INRS	Buildings of the future. What challenges for OSH?	Follow this link	Follow this link
C3	Andrzej Grabowski	CIOP-PIB	The use of virtual reality to simulate the work of high-power robots on a construction site	Follow this link	Follow this link
C4	Fanni Moilanen	FIOH	Measuring employees' perceptions of sustainability transitions at work – A novel survey method	Follow this link	-
C5	Jennifer Clerté	INRS	Artificial Intelligence for Occupational Health and Safety: Prospects and Challenges to 2035 - A prospective study	-	Follow this link
C6	Fabio Bocconi	INAIL	Prevention-through-design for risk anticipation in nano and advanced materials production	-	Follow this link
C7	Joanna Orysiak	CIOP-PIB	Influence of clothing adjustment value (CAV) index on the heat load	Follow this link	-
C8	Silvia Torres Ruiz	INSST	Fabric's solar UV radiation protective properties	Follow this link	Follow this link
F1	Natalia Litwicka	CIOP-PIB	Contemporary protective gloves	Follow this link	-
F2	Susanne Niehaus	BAuA	Diffusion of responsibility in adaptive human-robot interaction	Follow this link	-
F3	Omar El-Edrissi	IFA	Impact of back supporting exoskeletons on kinematics and joint loading of the lower body during gait	Follow this link	Follow this link
F4	Mathilde Schwartz	INRS	Influence of the characteristics of active back-support exoskeletons on muscle activity during a lifting task	Follow this link	Follow this link
F5	Liza van Dam	TNO	The impact of new technological developments on various aspects of work for Dutch employees	Follow this link	Follow this link
F6	Elżbieta Dobrzyńska	CIOP-PIB	Building awareness of safe work during additive manufacturing	Follow this link	Follow this link
F7	Stefan Voss	BAuA	Risk assessment of safety-critical AI-applications in work equipment	Follow this link	Follow this link
F8	Moritz Schneider	IFA	Prevention of slip, trip and fall accidents using machine learning	Follow this link	-
I1	Martin Westhoven	BAuA	Potentials of Artificial Intelligence for Occupational Safety Risk Analysis	Follow this link	Follow this link