

Links to presentations and videos of presenters who gave their consent

PEROSH 2025 – 6th Research Conference Manchester

[EVENT IMPRESSION](#)

GENERAL SPEACHES

| Name | Position | Topic |
|--------------------------------------|---|--|
| Andrew Curran Margrethe Schønning | Director of Science and Chief Scientific Adviser, HSE STAMI, Norway, and chair of the PEROSH Scientific Steering Group | Introduction, opening day 1 |
| Andrew Curran | Director of Science and Chief Scientific Adviser, HSE | Opening day 2 |
| Margrethe Schønning | STAMI, Norway, and chair of the PEROSH Scientific Steering Group | Announcement of the early-stage researcher award |
| Steffen Bohni Nielson | Director General of the Danish National Research Centre for the Working Environment – NFA, member of the Danish Research and Innovation Council and Chairman of PEROSH | Conclusion and closing the conference |
| Andrew Curran | Director of Science and Chief Scientific Adviser, HSE | |



KEYNOTE SPEAKERS

| | Name of presenter | Position | Title of presentation | Presentation | Video |
|----|-------------------------------|--|--|----------------------------------|----------------------------------|
| K1 | Steffen Bohni Nielsen | Director General of the Danish National Research Centre for the Working Environment – NFA, member of the Danish Research and Innovation Council and Chairman of PEROSH | European Collaboration as a Pathway for Societal Impact and Academic Excellence | Follow this link | Follow this link |
| K2 | Professor Dame Carol Black | Former principal Newham college, University of Cambridge | Health Work and Wellbeing. Where are we now? | Follow this link | Follow this link |
| K3 | Professor Martie Van Tongeren | Professor at University of Manchester | The Health and Occupation Research (THOR) network: 35 years of occupational disease data in the UK | Follow this link | Follow this link |
| K4 | Lyne Sauvageau | Chief Executive Officer of the Robert Sauvé Research Institute in Occupational Health and Safety (IRSST) | NIOSH under constraints: what's at stake for occupational health & safety? | Follow this link | Follow this link |
| K5 | William Cockburn Salazar | Executive Director of the European Agency for Safety and Health at Work | EU-OSHA; a new strategy and new ambitions | Follow this link | Follow this link |
| K6 | Professor Spo Kgalamono | NIOH Executive Director | Current Occupational Health Challenges in South Africa, with a Focus on Psychosocial Risks | - | Follow this link |



DISRUPTIVE INNOVATIONS IN OSH

| | Name of presenter | Institute | Title of presentation | Presentation | Video |
|----|---|------------------|---|----------------------------------|----------------------------------|
| A1 | Alessia Williams | INAIL | Virtual tour experience in OSH training: a case study for LOTO procedure | Follow this link | Follow this link |
| A2 | Norbert Lechner | AUVA | Extended Reality in Ergonomics - Training with own Avatar | Follow this link | Follow this link |
| A3 | Agata Kmiecik | CIOP-PIB | Chatbot as a support tool for accessing information on PPE – pilot | Follow this link | Follow this link |
| A4 | Antonis Targoutzidis | ELINYAE | An on-line OSH data exchange system for compliance | Follow this link | Follow this link |
| A5 | Albert Bohlscheid | IFA | SOFTEMA: A tool to assist in the development of safety-related application software for machines” | Follow this link | - |
| A6 | Emma Pietrafesa | INAIL | Innovative tools in OSH info-training: Inail-Dimeila casestudies on road safety and climate change | Follow this link | Follow this link |
| D1 | Norbert Lechner | AUVA | Evaluation of the load on bicycle delivery services using the 3D-musculoskeletal-model "Myonardo" | Follow this link | Follow this link |
| D2 | Joanna Kamińska | CIOP-PIB | Ergonomic Challenges of Working with Display Screen Equipment | Follow this link | Follow this link |
| D3 | Swantje Robelski | BAuA | From Past Insights to Future Challenges in the Age of Digital Transformation: A Scoping Review on Labour Inspectors | Follow this link | Follow this link |
| D4 | Liên Wioland <i>Presenter: Benjamin Paty</i> | INRS | Adopting occupational exoskeletons: from initial interaction to long-term use | Follow this link | Follow this link |
| D5 | James Forder | HSE | Improvements in the determination of diisocyanates using a new gradient elution HPLC methodology | Follow this link | Follow this link |
| D6 | Moritz Schneider | IFA | Balancing Accuracy and Wearability: Sensor Configuration Strategies for Real-World Near-Fall Detection | Follow this link | - |



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|----|-----------------------------------|--------------|---|----------------------------------|----------------------------------|
| G1 | Steven Naylor | HSE | Discovering Safety's Construction Risk Library - A knowledge tool to support design risk treatment on construction projects | Follow this link | Follow this link |
| G2 | Swantje Robelski Marie Jelenko | BAuA AUVA | OSH for All? Exploring the Role of LLM-based Chatbots in Enhancing Access to Health and Safety Information | Follow this link | Follow this link |
| G3 | Helen Balmforth | HSE | Smarter Regulatory Sandbox - exploring opportunities to improve health and safety using AI and technology | Follow this link | Follow this link |
| G4 | Giuliana Buresti | INAIL | Workers' Participation, Representation and Prevention in the Digital Era: Evidence from National Case Studies | Follow this link | Follow this link |
| G5 | Keld Alstrup Jensen | NFA | AI-supported electron microscopy analysis of occupational asbestos exposure concentrations: Needs and state of play | Follow this link | Follow this link |

NEW AND EMERGING OSH RISKS IN THE WORKPLACE

| | Name of presenter | Institute | Title of presentation | Presentation | Video |
|----|--------------------------|------------------|---|----------------------------------|----------------------------------|
| B1 | Szymon Warszawski | (CIOP-PIB) | Precarious work, psychosocial working conditions and job satisfaction as predictors of employee's wellbeing: what matters most | Follow this link | Follow this link |
| B2 | Mairi Bowdler | TNO | ALgorithmic MAnagement & Artificial Intelligence (ALMA-AI) systems as a new form of work organization: Psychosocial factors and implications for OSH based on statistical evidence in regular work. | Follow this link | Follow this link |
| B3 | Raquel Herencia Romero | (INSST) | Influence of climate change on the exposure to vectors that transmit infectious diseases at workplaces | - | Follow this link |
| B4 | Adrian Todolí-Signes | SAWEE | From Flexibility to Fragility: Occupational Hazards in Platform Work | Follow this link | Follow this link |
| B5 | Edvige Sorrentino | INAIL | Digital transformation: organisational resilience for managing new emerging OSH risks | Follow this link | Follow this link |



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| B6 | Riikka Ruotsala | FIOH | Examining the expansive object of safety professionals' work in Finland | - | - |
| E1 | Annette Nylund | SAWEE | Silence and Cultures of Silence in Working Life | Follow this link | Follow this link |
| E2 | Eirik Degerud | STAMI | Downsizing and mental distress | Follow this link | Follow this link |
| E3 | Adrian Todolí-Signes | SAWEE | Ethical and legal challenges on the use of artificial intelligence management of workers | Follow this link | Follow this link |
| E4 | Colin Chambers | HSE | Risk Assessment Approach for Industrial AI Systems Based on Established Industry Methods – First Steps | Follow this link | Follow this link |
| E5 | Monica Kaltenbrunner | SAWEE | How Fraud and Undeclared Work Degrade Work Environments and Exploit Workers across Different Industries: A Literature Review | Follow this link | Follow this link |
| E6 | Bruna Maria Rondinone | INAIL | The Futures 2 project: a comparative analysis of PEROSH researchers' priorities and national OSH strategies to assess the impact of health, social and economic changes on future research. | Follow this link | - |
| H1 | Robert Ljung | SAWEE | Lessons Learned from the COVID-19 Pandemic for Occupational Safety and Health; An International Comparison | Follow this link | Follow this link |
| H2 | Angeles de Vicente | INSST | What about the effects of climate change on workers' health? | Follow this link | Follow this link |
| H3 | Ståle Østhus | STAMI | Sick leave and occupational status. A decomposition analysis from Norway. | Follow this link | - |
| H4 | Johan Stenmark | SAWEE | The Impact of Remote Work on Gender Equality in the Labour Market: Quantitative Findings from Sweden and a Systematic Review of International Research | Follow this link | Follow this link |



CHEMICAL SAFETY NOW AND IN THE FUTURE: NAVIGATING EMERGING RISKS

| | Name of presenter | Institute | Title of presentation | Presentation | Video |
|----|--------------------------|------------------|---|----------------------------------|----------------------------------|
| C1 | Godswill Akhigbe | HSE | Hydrogen Carrier Gas in GC-MS: A Sustainable Alternative to Helium for measuring PAHs in the Workplace | Follow this link | Follow this link |
| C2 | Øyvind Pernell Haugen | STAMI | Occupational exposure to micro- and nanoplastics in a plastic bottle recycling facility in Norway | - | Follow this link |
| C3 | Magdalena Metzger | AUVA | Permeability of hazardous agents in cooling lubricants after application of occupational skin protection products | - | - |
| C4 | Nicoletta Godas | BAuA | Challenges and chances for occupational safety and health in circular economy | Follow this link | - |
| C5 | Chris Keen | HSE | Control of risk from stone dust containing high levels of crystalline silica | Follow this link | Follow this link |
| C6 | Christina Samel | IFA | PEROSH-International Comparison of Sampling Strategies - Hazardous Substances (PEROSH-ICSS-HS) – an explorative feasibility study and first results with airborne wood dust | - | - |
| F1 | Marie Svensmar Krag | NFA | Embedding Behavioural Safety in the Green Transition: A Participatory Approach to Reducing Biological Exposure among Waste Collection Workers | - | - |
| F2 | Marcel Dörr | IFA | Development of high-volume personal aerosol sampler | Follow this link | Follow this link |
| F3 | Christine Darbakk | STAMI | Occupational exposure and inflammatory potential of bioaerosols in the food industry | - | Follow this link |
| F4 | Carina Liarte Zwaan | INSST | Sentinel Network of Oncology Specialists for Detecting the Occupational Origin of Paranasal Sinus Cancer Cases | Follow this link | Follow this link |



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|----|-----------------------|---|---|----------------------------------|----------------------------------|
| F5 | Alessandro Marinaccio | INAIL | Addressing emerging challenges in the surveillance of occupational cancer: the Italian model of integrated monitoring systems | Follow this link | Follow this link |
| F6 | Tony Wilson | HSE | Using Drones to Apply Plant Protection Products: work to understand potential exposure routes and risks to operators | Follow this link | - |
| I1 | Claudine Strehl | IFA | How to reduce the constantly rising climate risk due to solar UV-exposure in occupational settings at high risk | Follow this link | Follow this link |
| I2 | Fabio Bocconi | INAIL | Potential exposure to airborne nanomaterials generated from 3-D printing processes | Follow this link | Follow this link |
| I3 | Dzmitry Misiulia | University of Kaiserslautern-Landau; on behalf of IFA | Design and investigation of a high flow respirable sampler | - | Follow this link |
| I4 | Eero Lantto | FIOH | MCDA-assisted chemical alternatives assessment based on input data generated using the SSbD toolbox | Follow this link | Follow this link |

