



**OHSI**  
OCCUPATIONAL HYGIENE  
SOCIETY OF IRELAND



**IOHA**

**BOHS**

British Occupational  
Hygiene Society



Advancing Worker Health Protection

9th - 13th June | Aviva Stadium | Dublin

*Conference Programme*

PLEASE NOTE: Programme is subject to change. Sessions in the Presidents Suite, 1872 & Vavasour rooms will be recorded and released to delegates following the conference

## Friday 7th – Sunday 9th June

The Emerging Leaders Institute (ELI)  
*Clayton Ballsbridge Hotel*

## Sunday 9th June

The 2024 IOHA conference will also host a number of Professional Development Courses (PDC) on the Sunday (9 June 2024) before the conference starts.

Each PDC will provide 3 hours of free training to IOHA2024 delegates.

Please check the website for details of each PDC. Booking will open for registered conference delegates in April and will be on a first-come, first-served basis.

**Pharmaceutical  
Industries**

**Ventilation  
Systems**

**Leadership Skills**

**Biological  
Monitoring**

**Ethics**

**Presentation  
Skills**

**Air Assessment  
Apps**

**Sustainable  
Development Goals**

**Emergency  
Response**

**Elongate Mineral  
Particles**

**Nanoparticles**

**Performance-  
Based Approach**

**[Find out more information at www.IOHA2024.org](http://www.IOHA2024.org)**

# Monday 10th June

Time	Programme Item				
09:00 - 10:00	Registration, Exhibition and Poster Viewing.				
10:00 - 10:45	Welcome by Minister, IOHA President & Committee Representatives				
10:45 - 11:30	Protecting workers from chemical hazards in Europe now and in the future				<b>Dr Sharon McGuinness</b>
11:30 - 12:00	Refreshments, Exhibition and Poster Viewing				
12:10 - 13:10	<b>Session 1A Presidents Suite</b> Application of human biomonitoring sampling strategies to evaluate occupational exposures to chemicals	<b>Session 1B 1872</b> OH in the mines	<b>Session 1C Vavasour</b> Workplace health without borders	<b>Session 1D Havelock Suite</b> Healthcare sector / Asbestos	<b>Session 1E Havelock East</b>
	Introduction to Human Biomonitoring <b>Katharina Ebert</b>	Characterisation of emission and exposure to diesel engine exhaust from trackless mobile machinery in underground South African Platinum Mines <b>Amukelani Manyike-Modau</b>	Workplace Health Without Borders: Its Mission, Vision and Impact from Training <b>Jennifer Galvin</b>	Assessing Fungal Burden and Its Implications for Health in an Elderly Care Center: A Comprehensive Study <b>Renata Cervantes</b>	
	Relevant information and challenges for human biomonitoring <b>Sonja Wrobel</b>		The role of WHWB in international efforts to eliminate asbestos use and deal with its legacy <b>Jason Hodgkiss</b>	Exposure to resistant fungi across working environments <b>Victor Kofoed</b>	
	Human biomonitoring of neonicotinoid insecticides in environmental and occupational settings <b>Darragh Doherty</b>	Global Mining - Case Study in International Risk Management: Controls through ICMI Cyanide Codev <b>Lydia Renton</b>	Noise and Hearing Conservation for Informal Sector Workers in Mombasa, Kenya <b>Abdulqadir Mohamad Suleiman</b>	An assessment of Work-related Musculoskeletal Disorders (WMSDs) risk factors among midwives in Ireland while tending to water births <b>Natasha Joyce</b>	
	Good practice for the interpretation of human biomonitoring data <b>Daniel Bury</b>	Implementation of low-cost sensors in open-cut mining # <b>Dusan Ilic</b>			

	Exposure to polycyclic aromatic hydrocarbons assessed by biomonitoring of firefighters during fire operations <b>Stephan Koslitz</b>	Minds in Mines- Assessing the psychological wellbeing of mining industry workers in Ontario Canada <b>Dr. Michel Lariviere</b>	Occupational Hygiene Studies in the Informal Sector in Ghana: Roadside Mechanics Shop Activities and Artisanal & Small-Scale Mining Activities <b>Dave Rogers</b>	An alternative to the HSE/NPL phase contrast test slide for airborne asbestos fibre analysis laboratories <b>Geoff Pickford</b>	
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13:10 - 14:10 Lunch, Exhibition, & Poster Viewing

14:20 - 15:50	<b>Session 2A Presidents Suite</b> OH and advancing communication	<b>Session 2B 1872</b> PPE	<b>Session 2C Vavasour</b> Modular Exposure Models for OSH Risk Assessment in Chemical Safety – MEMORA Workshop	<b>Session 2D Havelock Suite</b> Embracing Climate change and an Evolving World! Discover Global OEHS Perspectives in a World Cafe Conversation." Workshop	<b>Session 2E Havelock East</b>
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Strategies for Effective Risk Communication Following an Emergency Event or Disaster <b>William Bullock</b>	Elastic-Band Beard Cover for P2/N95 Respirators in Healthcare Workers: An Evaluation <b>Charles Bodas</b>	Modular Exposure Models for OSH Risk Assessment in Chemical Safety – MEMORA <b>Urs Schlüter</b>	Embracing Climate change and an Evolving World! Discover Global OEHS Perspectives in a World Cafe Conversation <b>Ashton Alban</b>
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How to influence worker health protection through effective communication <b>Margaret Kirby</b>	Factors influencing disposable respirator fit among Black workers in Gauteng <b>Jeanneth Manganyi</b>
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Endocrine disruptors: new CLP hazard classes. How can we identify them at the workplace? Tips for hygienists! <b>Ruth Jiménez Saavedra</b>	Determining of total inward leakage of loose-fitting hooded powered air-purifying respirator using quantitative testing method <b>Ting Yu Liu</b>
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Using an online platform to promote and support occupational safety and health – a regulator’s perspective

**Joan Cahill**

The Shifting Landscape of Occupational Health - Personal Protective Equipment Considerations

**Nikki McCullough**

Current State of Respiratory Protection

**Stephanie Lynch**

Risk assessment for the Occupational Hygienist Sharing Experiences

**Claire Tully**

Evaluation of a Novel Respirator Fit Testing Apparatus (Sibata’s MT-11D): Pilot Study

**Sergey Grinshpun**

15:50 - 16:20

Refreshments, Exhibition, and Poster Viewing

16:30 - 17:15

Creating seamless clean breathing spaces for workers and communities: Impractical dream or a feasible reality?

**Dr Kalpana Balakrishnan**

19:00 - 21:00

Welcome Drinks Reception - Dublin City Hall

# Tuesday 11th June

Time	Programme Item				Speaker
08:00 - 09:00	Registration, Exhibition and Poster Viewing.				
09:00 - 09:45	Did Occupational Hygienists Make a Difference for Workers During the Pandemic?				<b>Professor Lisa M. Brosseau</b>
09:55 - 10:55	<b>Session 3A Presidents Suite</b> HBM4EU and PARC occupational studies	<b>Session 3B 1872</b> Hearing conservation - time for change!	<b>Session 3C Vavasour</b> OH and technologies	<b>Session 3D Havelock Suite</b> Beyond compliance	<b>Session 3E Havelock East</b> Inspection and enforcement of hazardous substances at the workplace – Perspectives from EU SLIC CHEMEX, Dutch and Irish National Labour Inspectors.
	How can biomonitoring support occupational hygiene in a further reduction of exposure to hexavalent chromium? – Results from the HBM4EU chromate study  <b>Paul Scheepers</b>	Attitudes to Noise at Work  <b>Clare Forshaw</b>	Battery Electric Vehicle trial at an underground Copper project in the United States  <b>Andy McCarthy</b>	Menstrual health matters: Effectiveness of workplace health interventions on improved menstrual hygiene practices in garment industries of India and Sri Lanka  <b>Merlyn Joseph</b>	SLIC Chemex: how inspectorates at EU level cooperate!  <b>Monique Waegemaekers</b>
	Settled dust and biomonitoring - Are these tools complementary enough for a detailed occupational exposure assessment?  <b>Susana Viegas</b>	Sound Solutions: Navigating the Frontiers of Hearing Health in Modern Workplaces  <b>David Greenberg</b>	Conceptualization and construction of a low-cost and self-made device for monitoring of particulate matter  <b>Andrea Spinazzè</b>	Incentives to promote OHS  <b>Rene Leblanc</b>	Overlap of REACH / OSH legislation: Inspection campaigns for control of exposure to substances subject to REACH restriction.  <b>Tom O'Sullivan</b>
	Wristbands, hair and biomonitoring – How relevant are these alternative tools for internal dose evaluation?  <b>Radu Corneliu Duca</b>	Emerging Risk of Headphone Use and Implications for Occupational Hygiene Practice  <b>Alex Wilson</b>	Industry-wide PSP, melding new technology and traditional exposure assessment to promote opportunities for improvements  <b>Nicola McQuoid</b>	That's a Wrap: Recognition and Mitigation of Fatiguability in the Entertainment Industry  <b>Justine Parker</b>	Control of exposure to aircraft emissions at airports  <b>Jeroen Terwoert</b>

	<p>Biomonitoring for diisocyanates exposure – Results from the HBM4EU occupational study</p> <p><b>Kate Jones</b></p>			<p>ESG 101 and how Occupational Hygienists and Safety Professionals are Navigating the “S.”</p> <p><b>Charles Redinger</b></p>	
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10:55 - 11:25 Refreshments, Exhibition & Poster Viewing

11:35 - 13:05	<p><b>Session 4A Presidents Suite</b></p> <p>International collaborative projects</p>	<p><b>Session 4B 1872</b></p> <p>Safe by design and good practices</p>	<p><b>Session 4C Vavasour</b></p> <p>Advancing OH with Models and tools</p>	<p><b>Session 4D Havelock Suite</b></p> <p>Worker Health Protection Team Effort Workshop</p>	<p><b>Session 4E Havelock East</b></p> <p>Research Most Likely to Impact Change in Occupational Hygiene Practice (Presentations by Members of the Annals of Work Exposures and Health Editorial Board)</p>
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	<p>Improving estimates of exposure on occupational risk factors for the Global Burden of Disease study</p> <p><b>Tim Driscoll</b></p>	<p>Advancing Your OH Program from Good to Great with AIHA/ACGIH Principles of Good Practice with Examples in Pharmaceutical Industry</p> <p><b>Nancy McClellan Eric White</b></p>	<p>MUST - A user-friendly tool for the calculation of measurement uncertainty for methods of workplace exposure</p> <p><b>Cornelia Wippich</b></p>	<p>Worker Health Protection Team Effort Workshop#</p> <p><b>Leila Kirk</b></p>	<p>Advances in Respirator Design and Performance Testing</p> <p><b>Lisa Brosseau</b></p>
	<p>Development of an exposome toolbox for reducing the occupational burden of disease: The EU EPHOR project</p> <p><b>Eelco Kuijpers</b></p>		<p>An online tool to query exposure measurements collected in French workplaces since 1987 by work situation</p> <p><b>Jean-Francois Sauve</b></p>		<p>Advancements in the measurement for respirable crystalline silica to improve the determination of worker’s personal exposures</p> <p><b>Peter Stacey</b></p>
	<p>Findings of the Workers' exposure survey (WES) on cancer risk factors in six European countries</p> <p><b>Nadia Vilahur</b></p>	<p>Safe-by-design approach to reduce worker exposure risks while working with nanostructured powders</p> <p><b>Neeraj Shandilya</b></p>	<p>Variability of within- and between-worker exposure to chemical agents in France: information from the Colchic occupational exposure database</p> <p><b>Andrea Emili</b></p>		<p>The Physical Activity Health Paradox: Is physical activity at work health enhancing?</p> <p><b>Tyler Quinn</b></p>

	Occupational chemical JEM development within the European Job-Exposure Matrix (EuroJEM), EU Exposome Project for Health and Occupational Research (EPHOR)  <b>Pernilla Wiebert</b>		Investigating a Cancer Cluster in Ontario, Canada using Historical Occupational Hygiene Data to Evaluate Risk of Occupational Cancers  <b>Krista Thompson</b>		Exposure modelling for occupational hygiene  <b>Wouter Fransman</b>
	Case Study: An Approach to Developing a Government Guideline  <b>Suzanne Wilde</b>		Improving assessment of occupational exposure to hazardous substances using a hybrid approach of models and measurements with mobile sensor technology  <b>Daan Huizer</b>		Advancing work equity through occupational hygiene research  <b>Rachael Jones</b>
	Irish Code of Practice for Indoor Air Quality – development, implementation and enforcement  <b>Michelle McDermott</b>		Functional requirements for a new risk assessment tool: the first step - a new inhalation model to assess exposure to bioaerosols  <b>Carlota Alejandre Colomo</b>		

13:05 - 14:05 Lunchtime, Exhibition & Poster Viewing

14:15 - 15:30 IOHA President Session

15:40 - 17:10	<b>Session 5A Presidents Suite</b>  Breathe Freely Initiative to Prevent Occupational Lung Disease	<b>Session 5B 1872</b>  AI and big data	<b>Session 5C Vavasour</b>  Occupational hygiene in practice	<b>Session 5D Havelock Suite</b>  Using Exposure Assessment and Health Assessment Tools for Interactive Education Workshop	<b>Session 5E Havelock East</b>  How Assessing Air Exchange Helped Improve Total Worker Health During the Return to Office Workshop
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	Irish BF campaign launch  <b>TBC</b>	Unlocking Possibilities in Occupational Hygiene: Harnessing Generative AI  <b>Jakob Nærheim</b>	Sampling protocol to assess occupational exposure to microbial contamination in wood working environments  <b>Marta Dias</b>	Using Exposure Assessment and Health Assessment Tools for Interactive Education  <b>Helen Taylor</b>	ACH, TWH, and the RTO: How Assessing Air Exchange Helped Improve Total Worker Health During the Return to Office.  <b>David Moore</b>
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<p>Breathe Freely Initiative to Prevent Occupational Lung Disease – the Australian Experience</p> <p><b>Sharann Johnson</b></p>	<p>Artificial Intelligence and the Future of Work; opportunities and risks associated with worker health and safety</p> <p><b>Jay Vietas</b></p>	<p>Good intentions gone wrong. A case study in occupational hygiene, corporate social responsibility and product stewardship</p> <p><b>Nathan Redfern</b></p>		
<p>Breathe Freely Initiative to Prevent Occupational Lung Disease – Canadian and US Rollout</p> <p><b>Jason McInnis</b></p>	<p>Leveraging on Exposure Profiles for Efficient Exposure Monitoring Outcome</p> <p><b>Maharshi Mehta</b></p>	<p>Ergonomic intervention for maintenance workers for an automatic production system: a case study</p> <p><b>Yuli Huang</b></p>		
	<p>Enhancing the coverage of a multi-agent exposure assessment tool through the modelling of over 100,000 measurements</p> <p><b>Jean-Francois Sauve</b></p>	<p>Determinants of asphalt fumes and potential control measures to reduce occupational exposure</p> <p><b>Erik van Deurssen</b></p>		
	<p>Assessing potential health risks from multiexposure to chemicals in U.S. workplaces: findings from the OSHA database</p> <p><b>Philippe Sarazin</b></p>	<p>Psychosocial Challenges and Opportunities of Farmers and Farmworkers: a Systematic Literature Review</p> <p><b>Nataša Dernovšček Hafner</b></p>		
	<p>Weighing Crucial Factors Affecting Changes in Distortion Product Otoacoustic Emissions (DPOAEs) of Workers Using Data-Mining Algorithms: a case study</p> <p><b>Sajad Zare</b></p>	<p>Case Study: The challenges of developing and implementing a global risk management programme</p> <p><b>Tom Laffey</b></p>		

# Wednesday 12th June

Time	Programme Item				
08:00 - 09:00	Refreshments, Exhibition and Poster Viewing				
09:00 - 10:00	<p align="center"><b>Session 6A Presidents Suite</b></p> <p>European exposure science strategy data and methods to informing stakeholders</p>	<p align="center"><b>Session 6B 1872</b></p> <p>Supporting women in mining</p>	<p align="center"><b>Session 6C Vavasour</b></p> <p>Dust</p>	<p align="center"><b>Session 6D Havelock Suite</b></p> <p>Dermal exposures</p>	<p align="center"><b>Session 6E Havelock East</b></p> <p>Technology and modelling</p>
	<p>Elevating Exposure Science: Fostering Education, Training, and Communication in Alignment with the European Exposure Science Strategy (2020–2030)</p> <p align="center"><b>Alison Connolly</b></p> <hr/> <p>Exposure modelling in Europe: how to pave the road for the future as part of the European Exposure Science Strategy 2020–2030</p> <p align="center"><b>Urs Schlüter</b></p> <hr/> <p>Advancement of exposure science and its application in occupational hygiene</p> <p align="center"><b>Paul Scheepers</b></p> <hr/> <p>Human biomonitoring in practice: Minimum information requirement for human biomonitoring studies in occupational settings</p> <p align="center"><b>Maryam Zare Jeddi</b></p>	<p>Supporting Women in Mining: Diversity and Inclusion</p> <p align="center"><b>Nancy Wilk</b></p> <hr/> <p>Supporting Women in Mining: Reproductive Health, Birth Outcomes and Breastfeeding</p> <p align="center"><b>Courtney Gendron</b></p>	<p>Impact of meteorological conditions on measurement strategy and measured exposures in the Industrial Minerals Association long term Dust Monitoring Programme.</p> <p align="center"><b>Nicola Blagrove-Hall</b></p> <hr/> <p>Exposure to inhalable, respirable and ultrafine dust from airplanes and diesel engines exhaust for airport workers in the Netherlands</p> <p align="center"><b>Remko Houba</b></p> <hr/> <p>Exposure to Flour Dust in Bakeries</p> <p align="center"><b>Abdul Kadir</b></p> <hr/> <p>Protection of workers against carcinogenic fibre dusts – A Risk Management Option Analysis</p> <p align="center"><b>Melanie Müller</b></p>	<p>Implementing Changes to Protect Workers from Exposures to Hazardous Drugs</p> <p align="center"><b>Susan Arnold</b></p> <hr/> <p>Dermal and inhalable cobalt exposure at Swedish hard metal plants</p> <p align="center"><b>Norhazlina Mydin</b></p> <hr/> <p>Cotton undergarments as tool for polycyclic aromatic hydrocarbons whole-body dosimetry of firefighters</p> <p align="center"><b>Stephan Koslitz</b></p> <hr/> <p>Application of a new custom-made activated charcoal cloth patch in different real work conditions</p> <p align="center"><b>Rani Claus</b></p>	<p>Mapping simultaneous exposure to heat stress, air pollution and airborne allergenic pollen, for the general and working population</p> <p align="center"><b>Bernice Scholten</b></p> <hr/> <p>Case study: Using a project-based approach to educate occupational hygiene students in the science of real-time monitoring</p> <p align="center"><b>Stefan Linde</b></p> <hr/> <p>Using Validated Computational Fluid Dynamics Models to Evaluate Impact of Hood Shapes on the Performance of Taiwanese Domestic Kitchen Hoods</p> <p align="center"><b>Pei-Yu Fan</b></p> <hr/> <p>The development of the Asbestos Removal Exposure Assessment Tool (AREAT), and its use for exposure assessment in a regulatory framework</p> <p align="center"><b>Suzanne Spaan</b></p>

10:10 - 11:10	<b>Session 7A Presidents Suite</b> Dermal and heat exposures	<b>Session 7B 1872</b> Respirable Crystalline Silica	<b>Session 7C Vavasour</b> Firefighters Protection	<b>Session 7D Havelock Suite</b> AIHA update empowering the Profession through Global Collaboration	<b>Session 7E Havelock East</b> Prevention and compensation of substance related occupational diseases in the Netherlands
	Sun safety knowledge, practice, and perceived constraints in Irish agricultural and construction workers  <b>Victoria Hogan</b>	Exploring the variability of hazards behind the global epidemic of engineered stone-associated silicosis.  <b>Chandnee Ramkissoon</b>	Factors determining the uptake of Polycyclic Aromatic Hydrocarbons by firefighters during fire operations  <b>Dirk Taeger</b>	Introduction to the American Industrial Hygiene Association Emerging Economies Microgrants Program  <b>Thomas Fuller</b>	Joining forces in prevention of substance-related occupational diseases: the Dutch national expertise centre "Lexces"  <b>Maaïke Visser</b>
	Weighing crucial factors on UTCI thermal stress index in hot-wet and hot-dry Zones using data mining algorithms: a case study  <b>Sajad Zare</b>	Protecting workers from respirable crystalline silica exposure: Validity and reliability assessment of dust control climate questionnaire.  <b>Frederick Antimah</b>	Interventions to reduce PAH exposure in wildland firefighters  <b>Nicola Cherry</b>		
	Criteria for the assessment of the percutaneous absorption of hazardous substances at the workplace – The German MAK Commission approach  <b>Michael Bader</b>	A Portable Dust Generation System for Calibrating Real Time RCS Measuring Instruments  <b>David Noi</b>	Biological monitoring of exposure to benzene, polycyclic aromatic hydrocarbons, and persistent organic pollutants in Norwegian Firefighters  <b>Raymond Olsen</b>	AIHA Update: Empowering the Profession through Global Collaboration  <b>Lawrence Sloan Nicole Greeson</b>	Compensation of substance related occupational diseases in the Netherlands  <b>Koen Verbist</b>
	Potential influences of diet and lifestyle on skin in the workplace: Using this to reduce occupational ill health  <b>Helen Taylor</b>	Respirable Crystalline Silica - Advancements using Realtime Monitoring  <b>Neil O'Regan</b>	Fire Rescue Service & Hygiene: Victoria's approach to protecting firefighter health during and post their service to the community.  <b>David Macgill</b>		

11:10 - 11:40

Refreshments, Exhibition and Poster Viewing

	<b>Session 8A Presidents Suite</b> Metals and the Welding Industry	<b>Session 8B 1872</b> Emergency response and preparedness	<b>Session 8C Vavasour</b> Noise and Vibration	<b>Session 8D Havelock Suite</b> Utilizing statistical tools Workshop	<b>Session 8E Havelock East</b> Successful Prevention Strategies To Prevent Infectious Airborne Disease Transmission in Workers and Our Communities: A Panel Discussion
11:50 - 13:20	Lessons learned from monitoring interventions at mild steel welding facilities  <b>Stefan Ljunggren</b>	Why highly High Consequence Infectious Disease responses need an industrial hygienist, and preparing the industrial hygienist to respond  <b>Shawn Gibbs</b>	Case study: EMS workers noise exposure from the environment and earphones, and it's effect on auditory perception  <b>Lars Andreas Sæle</b>	Empowering Exposure Risk Decision-Making: Leveraging Statistical Tools for Good Decisions and Resource Optimization  <b>Perry Logan</b>	Successful Prevention Strategies To Prevent Infectious Airborne Disease Transmission in Workers and Our Communities: A Panel Discussion.  <b>Lawrence Sloan</b>
	Health Assessment of Occupational Exposure to Metal Oxides Among Pipeline Welders  <b>Azhar Ali</b>	Infection Prevention and Control during the war and siege in Tigray, Ethiopia  <b>Akeza Awealom Asgedom</b>	Noise exposure and acute changes to monitored heart rate among electronic-waste recycling workers  <b>Xin Zhang</b>		A New Respirator Performance Standard for Canada.  <b>Simon Smith</b>
	Investigating Welding Fume Exposure in Professional Welders Using Biomonitoring and Metabolomics Approaches  <b>Ata Rafiee</b>	Chemotoxic Emergency Response Capability At a Nuclear Facility  <b>Adrian Parris</b>	Oto-Acoustic Emissions – Why this is a game-changing development in hearing conversation and a true and effective approach to health surveillance.  <b>Rob Shepherd</b>		Quantitative Fit Testing of Health Care Workers in The Western Cape Province, South Africa in the SARS-Co-V-2 Pandemic.  <b>Peter-John Jacobs</b>
	Occupational exposure to styrene during cured-in-place pipe installations: An emerging issue  <b>Ryan LeBouf</b>	Food Insecurity as a Worsening Occupational Hazard  <b>Ashton Alban</b>	Non-Auditory effects of noise - the occupational hygiene in Italian approach  <b>Sergio Luzzi</b>		Disrupting the Chains of Transmission of SARS-CoV-2 on a Pre-Vaccine Movie Production.  <b>Laurence Svirchev</b>
	Lessons learned from R&D and industrial metal additive manufacturing  <b>Maria Assenhöj</b>	Understanding Heat Stress Challenges in the Tropics: Perspectives from Indonesian Construction Laborers  <b>Hana Fajrianti</b>	The impact of physical stressors in a neonatal intensive care unit in Ireland.  <b>Margaret McCallig</b>		
	Quantitative models for prediction of occupational exposure to respirable dust and quartz within the formulating, metal manufacturing and construction industries  <b>Hicham Zilaout</b>	Recent outbreak of Legionella in various Health care Centers in Argentina, occupational hygiene in emerging economies countries.  <b>Armando Chamorro</b>			


13:20 - 14:20

Lunch, Exhibition &amp; Poster Viewing

14:30 - 15:30	<b>Session 9A Presidents Suite</b> OH on the international stage	<b>Session 9B 1872</b> Can we have a Biological Exposure Index for that? How ACGIH develops and revises the BEIs®	<b>Session 9C Vavasour</b> Moving from the Pharmaceutical industry to the wider OH perspective	<b>Session 9D Havelock Suite</b> OH and exposure standards	<b>Session 9E Havelock East</b> COVID-19
	Survey of Occupational Hygiene Professional Practice in Spanish-Speaking Countries <b>Thomas Fuller</b>	What are ACGIH BEIs®? <b>Nancy Hopf</b>	Boosting Effectiveness of Cytotoxic Drug Exposure Controls in an Australian Compounding Pharmacy. <b>Ritesh Patel</b>	A proposed Asian Occupational Exposure Limit Framework <b>Dooyong Park</b>	A Qualitative Investigation into the impact of Redeployment on Speech and Language Therapists during the Covid-19 Pandemic. <b>Lorraine Murray</b>
	Preparation for and adaptation to COVID-19 in Irish Workplaces – experiences of Irish personnel with responsibilities for occupational hygiene and health <b>Conor Buggy</b>	Why and How to do Biological Monitoring? <b>Kate Jones</b>	Lessons Learnt from Cross Contamination/Gradient Study across Pharmaceutical Formulation sites. <b>Prasanth Kondragunta</b>	Exploring boundaries of work environment management using work domain analysis. <b>Abdulqadir Mohamad Suleiman</b>	Safety Stewardship of Enzymes: Reaching Cleaning Professionals With Risk Management Guidance for Professionals And Their Employees <b>Anthony Panepinto</b>
	Promoting SDG 8: Decent Work and the 5th Fundamental Right – A Safe Workplace <b>Andrea Hiddinga-Schipper</b>	Why and How to use BEI® Notations? <b>Leena Nylander-French</b>	Applying Lessons Learnt from potent compound safe handling in pharmaceutical industry to toxic chemical agents in general industry <b>Ankit Sharma</b>	How to use reverse dosimetry to derive acceptable occupational exposure level from internal values. <b>Stefan Hahn</b>	Adapting the BOHS COVID-19 risk matrix to Avian Influenza. Preparing an animal charity for future outbreaks. <b>Mary Cameron</b>
	IOHA National Accreditation Recognition Certification Program Development Template and Guideline <b>Thomas Fuller</b>	Barriers to developing BEIs® for adipates <b>Jean Grassman</b>	Containment / Exposure Control for mainstream manufacturing - What can we learn from Pharma? <b>Alex Wilson</b>	Establishing internal occupational exposure standards for elongate mineral particles. <b>Andrey Korchevskiy</b>	Risk Perception of COVID-19 in Indonesia: A Longitudinal Study Between 2020 – 2022 <b>Mila Tejamaya</b>

15:40 - 16:10

Refreshments, Exhibition &amp; Poster Viewing



16:10 - 16:55	Planning for Growth: Occupational Hygiene Capability	<b>Dr. Roger Alesbury</b>
16:55 - 17:40	IOHA Awards	
19:00	Conference dinner, drinks & entertainment - Aviva Stadium	

# Thursday 13th June

Time	Programme Item				
08:00 - 09:00	Registration, Exhibition and Poster Viewing.				
09:00 - 09:45	Revolutionizing occupational hygiene – exploring the future of real-time monitoring, remote control monitoring, and data analysis				<b>Professor Cas Bandenhorst</b>
09:55 - 10:55	<b>Session 10A Presidents Suite</b> Human biomonitoring	<b>Session 10B 1872</b> Evolving technologies	<b>Session 10C Vavasour</b> Energy Institute session - case studies from the oil, gas and renewables	<b>Session 10D Havelock Suite</b> Remediation and control	<b>Session 10E Havelock East</b>
	Chloroform exposure in air and water in Swedish indoor swimming pools - urine as a biomarker of occupational exposure  <b>Jessica Westerlund</b>	Achieving Step-Change in HSE Performance through Technology Agenda  <b>Norhazlina Mydin</b>	Risk assessment of diesel engine exhaust emissions.  <b>Alex Hills</b>	Applying Lessons Learnt from engineering control containment verification in pharmaceutical and chemical industry.  <b>Pascal Kerneis</b>	
	Dissolution of inorganic lead compounds in synthetic sweat to assess workplace risk of dermal exposure  <b>Richard Niemeier</b>	What to Wear? Occupational Hygiene Applications for Wearables  <b>Mona Shum</b>	Wearable technologies for occupational health and exposure monitoring.  <b>Rob Houghton</b>	Standardised Measurement of Equipment Particulate Airborne Concentration (SMEPAC) monitoring  <b>Silke Büchl</b>	
	Human Biomonitoring (HBM) for emergency responders - Basic considerations, a practical approach and lessons learned  <b>Michael Bader</b>	Integrated Risk Management through Real-Time Monitoring of Dust Exposure and Proximity Sensing in Large-scale Civil Construction Sites and Mining Operations  <b>Aleks Todorovic</b>	Decommissioning within the offshore UK oil and gas industry.  <b>Neil Grace</b>	Containment Performance (CP): a risk-based, SF6-free method for evaluating fume cupboards  <b>Patrick McGuinn</b>	
	Biomonitoring of ethylene oxide: a challenge  <b>Andre Winkes</b>	Realtime versus conventional sampler comparison study.  <b>Ben Walsh</b>	Decommissioning within the offshore UK oil and gas industry.  <b>Lynne Morgan</b>		
10:55 - 11:25	Refreshments, Exhibition & Poster Viewing				

11:35 - 13:05	<b>Session 11A Presidents Suite</b> Airborne exposures and measurements	<b>Session 11B 1872</b> Exposure Assessment	<b>Session 11C Vavasour</b> Risk management in industry	<b>Session 11D Havelock Suite</b> AIHA Exposure assessment strategy for assessing industrial hygiene exposures Workshop	<b>Session 11E Havelock East</b>
	An Evaluation of Indoor Environmental Quality in Offices and Schools in Ireland  <b>Adam Collison</b>	Health Exposure Assessment of Molten Sulfur Loading Operation Facilities  <b>Ayman Alarfaj</b>	Overcoming Chemical Management Challenges in Oil and Gas Construction  <b>Norhana Abd Hamis</b>	AIHA Exposure assessment strategy for assessing industrial hygiene exposures  <b>George Gruetzmacher</b>	
	Measured exposure to soot among Swedish chimney sweeps with focus on sweeping techniques and fuels used  <b>Therese Klang</b>	The hunt for the mysterious isocyanic acid  <b>Håkan Tinnerberg</b>	Oil Spill Investigation and Remediation  <b>Gary Canny</b>		
	Investigating farmers' exposure to airborne pollutants in free stall dairy barns  <b>Ellen Kristina Baclayon Johansen</b>	Quantitative self-assessment of exposure to solvents among formal and informal nail technicians in South Africa  <b>Goitsewang Keretetse</b>	Measurements of benzene exposure in the oil and gas industry - comparison between passive and active sampling  <b>Pål Graff</b>		
	Size distribution and characterization of particulate matter generated during tunnel boring machine excavation  <b>Torunn Ervik</b>	Evaluation of chemical exposures and exposure mitigation strategies for nail salons  <b>Kimberly Anderson</b>	Benzene risk management - how to plan and operate with a low OEL.  <b>Ellen Katrine Jensen</b>		
	Airborne trichloramine in Swedish indoor swimming pools  <b>Sandra Johannesson</b>	The influence of measurement uncertainty and environmental factors in the assessment of workplace exposure.  <b>Robert Emonds</b>	Ensuring effective control of exposure during asbestos removal - The Netherlands  <b>Jeroen Terwoert</b>		
	Quantitative assessment of US home care aides' respiratory exposures during residential bathroom cleaning and disinfecting using household products  <b>Margaret Quinn</b>	Healthier Highways - improving worker health protection in the highways sector. A case study from the UK's motorway network.  <b>Stephen Perkins</b>	Ensuring effective control of exposure during asbestos removal - Great Britain  <b>Matthew Jackson</b>		



14:15 - 15:45	<b>Session 12A Presidents Suite</b> From dust to nano exposure	<b>Session 12B 1872</b> Aerosol sensors/Bioaerosol exposures	<b>Session 12C Vavasour</b> Beyond Compliance II	<b>Session 12D Havelock Suite</b> Addressing Occupational Hygiene Priorities Globally Workshop	<b>Session 12E Havelock East</b>
	Assessing exposure to carbon nano fibres and carbon nano tubes in a production facility. 132a - Assessing exposure to carbon nano fibres and carbon nano tubes in a production facility. <b>Torunn Ervik</b>	Can we translate low-cost sensing from the air pollution community to the workplace hygiene community? <b>Miranda Loh</b>	More attention needed for prevention of work related cardiovascular diseases <b>Jolanda Willems</b>	Addressing Occupational Hygiene Priorities Globally <b>Maharshi Mehta</b>	
	Risk prevention and training approaches for safety and health in graphene production processes. <b>Fabio Boccuni</b>	Added values of (low cost) sensors in occupational hygiene practice <b>Maaïke le Feber</b>	Association between safety culture and wearing of hearing protection in the workplace. <b>Patrick McGuinn</b>		
	Implications of the implementation of Safe and Sustainable by design on the occupational exposure assessment. <b>Araceli Sánchez Jiménez</b>	Visualization and interpretation of aerosol monitors data into information and knowledge. <b>Sander Ruiter</b>	Health and Safety Executive's strategic approach to reducing work-related ill health <b>Mike Calcutt</b>		
	Smart sensors for a healthy and safe working environment. <b>Eelco Kuijpers</b>	Performance metrics towards adoption and operationalization of aerosol sensors <b>Emanuele Cauda</b>	An Investigation of Factors that Impact Safety Culture and Safety Behaviours in the High-Risk Construction Industry <b>Marcella Donnellan</b>		
		Characteristic and antibiotic resistance of bioaerosols between ambient atmosphere and outdoor night market <b>Teng Ya-Hsuan</b>	A Better Way to Fill Exposure Data Gaps <b>Mi (Jennifer) Shin</b>		

	<p>Personal nanoparticle exposure measurements in polymer 3D-printing</p> <p><b>Gunilla Runström Eden</b></p>	<p>Bioaerosol exposure in Norwegian waste sorting</p> <p><b>Elke Eriksen</b></p>	<p>Gaps in current aggregated occupational and non-occupational exposure assessment approaches</p> <p><b>Ilse Ottenbros</b></p>		
	<p>Risk assessment of occupational exposure to graphene nanoforms -Where are we?</p> <p><b>Anne Farbrot</b></p>				
16:00	Conference closing statements				

PLEASE NOTE: Programme is subject to change. Sessions in the Presidents Suite, 1872 & Vavasour rooms will be recorded and released to delegates following the conference