



**INTERNATIONAL CONFERENCE
OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENT
(OSHE2024)**

**OSHE CONFERENCE 2024 PROGRAM
“Health hazards of chronic occupational exposures to hazardous compounds from
construction and manufacturing sectors”**

TIME	CONTENTS	
Hanoi Vietnam Local time (VNT) / (Eastern Time)	Day 1, Thursday, October 24, 2024 (Onsite & Online)	
Thurs 8:00 - 8:30 AM (VNT) Wed 9:00 - 9:00 PM (EDT)	Registration	
Thurs 8:30 AM – 12:30 PM (VNT) Wed 9:30 – 1:30 AM (EDT)	Plenary session (HT.1)	
Thurs 8:30 - 8:45AM (VNT) Wed 9:30 - 9:45 PM (EDT)	<p align="center">Welcome Remarks A/Prof. Dr. Luu The Anh, Director VNU-CRES Prof.Dr. Nguyen Manh Khai, Dean FES-HUS-VNU Mr. Nguyen Ngoc Tuan, President Emeritus WHWB-US</p>	
Chairs	A/Prof.Dr. Luu The Anh, Director of VNU-CRES Prof.Dr. Nguyen Manh Khai, Dean of FES-HUS-VNU Mr. Nguyen Ngoc Tuan, President Emeritus, WHWB-US	
Thurs 8:45 – 9:15AM (VNT) Wed 9:45 - 10:15 PM (EDT)		<p align="center">Keynote Speaker 1 (Virtual 30 mins Q&A) “Artificial Intelligence and the Future of Work” Dr. John Howard, MD, MPH, JD, LL.M, MBA Director of NIOSH The National Institute for Occupational Safety and Health (NIOSH)/CDC</p>
Thurs 9:15 – 9:45 AM (VNT) Wed 10:15 - 10:45 PM (EDT)		<p align="center">Keynote Speaker 2 (Onsite 30 mins Q&A) “Emerging Occupational Diseases and Compensable Illnesses: Tin and COVID-19” A/Prof. Doan Ngoc Hai, MD, PhD, MBA Chairman, Board of Trustees Hanoi University of Public Health</p>
Thurs 9:45 -10:00 AM (VNT) Wed 10:45 - 11:00 PM (EDT)	Coffee break	
Thurs 10:00 – 10:30 AM (VNT) Wed 11:00 - 11:30 PM (EDT)		<p align="center">Keynote Speaker 3 (Virtual 30 mins Q&A) “Global Collaboration for Occupational Health and Safety” Marianne Levitsky, MES, CIH, ROH, FAIHA Senior Industrial Hygiene Associate Co-founder - Workplace Health Without Borders</p>

Thurs 10:30 – 11:00 AM (VNT) Wed 11:30 - 12:00 AM (EDT)		Keynote Speaker 4 (Virtual 30 mins Q&A) “The Business Value of Managing for Workplace Safety” Dr. David Michaels, PhD, MPH Professor of Environmental & Occupational Health George Washington University, Milken Institute School of Public Health
Thurs 11:00 – 11:30 AM (VNT) Thurs 12:00 - 12:30 AM (EDT)		Keynote Speaker 5 (Onsite 30 mins Q&A) “Building a Safer Tomorrow: Designing a Comprehensive Workplace Health and Safety Strategy” Nicole Greeson, MS, CIH President - American Industrial Hygiene Association AIHA to Vietnam Delegation Leader
Thurs 11:30 – 11:45 AM (VNT) Thurs 12:30 - 12:45 AM (EDT)	(Roundtable discussion with keynote speakers, Q&A) ONLY IF WE HAVE TIME	

Day 1, Thursday, October 24, 2024 (Onsite & Online) CONTINUE		
Thurs 11:45 – 12:00 PM (VNT) Thurs 12:45 - 1:00 AM (EDT)	Closing of morning session - FES-VNU or CRES-VNU or WHWB	
Thurs 12:00 – 14:00 (VNT) Thurs 1:00 - 3:00 AM (EDT)	Lunch time	
Parallel oral sessions 1 and 2 Presentation time & Q&A: 15 minutes/each		
In-person	Chair: A/Prof. Dr. Le Thi Thanh Xuan	Chair: Dr. Le Thanh Hai
Online	Co-chair: Dr. Kevin Hedges	Co-chair: Dr. Albert Tien
Thurs 14:00 – 15:15 (VNT) Thurs 3:00 - 4:15 AM (EDT)	Session#1: Hazards of commonly used products in construction and manufacturing #1 (HT.1)	Session#2: Hazards of commonly used products in construction and manufacturing #2 (HT.2)
Thurs 14:00-14:15 (VNT) Thurs 3:00 - 3:15 AM (EDT)	Presenter 1.5. (V) OP- 49. Asbestos in Talc Dorothy Cook, MSc, LFOH Occupational Hygiene Consultant	Presenter 2.4. (V) OP – 22. Validation of a Portable Dust Generation System for Calibration of RCS Measuring Instruments David Dennis Tettey Noi, Brian Davies AM, Linda Apthorpe & Vinod Gopaldasani
Thurs 14:15 -14:30 (VNT)	Presenter 1.4. OP- 39. Silicosis prevalence and associated factors	Presenter 2.5. OP-45. Assessment of some risk factors for the health of

Thurs 3:15 - 3:30 AM (EDT)	among high-risk population group in Vietnam in 2018 - 2019 Pham Thi Quan , Le Thi Thanh Xuan, Dao Van Dat, Le Thi Huong	motorcycle repair and maintenance workers in Thai Nguyen City in 2024 Nguyen Viet Quang, MSc
Thurs 14:30 -14:45 (VNT) Thurs 3:30 - 3:45 AM (EDT)	Presenter 1.3. (V) OP-41. Recent exposure data from Canada on respirable crystalline silica and elemental carbon exposure in underground mining. Victoria H. Arrandale , Ali Shakeel, Kevin Hedges, Kimberly O’Connell, Melanie Gorman Ng	Presenter 2.1. OP-48. Hazardous factors in the occupational environment of cement production Ha Lan Phuong, MD, PhD
Thurs 14:45 – 15:00 (VNT) Thurs 3:45 - 4:00 AM (EDT)	Presenter 1.1. (V) OP-01. Silica Dust Exposure in the Museum and Cultural Heritage Field Cusack-McVeigh, Holly , Goldsmith David F	Presenter 2.2. (V) OP-21. Asbestos risk assessment and prevention Georgi Popov, CSP, QEP, SMS, ARM, CMC, FASSP, FAIHA
Thurs 15:00 – 15:15 (VNT) Thurs 4:00 - 4:15 AM (EDT)	Presenter 1.2. (V) OP-25. What are the Global Implications of IARC’s Assessment of Silica Dust as a Known Human Carcinogen? David F. Goldsmith, MSPH, PhD	Presenter 2.3. (V) OP-11. Training Certification and Licensing Requirements for Asbestos Abatement Work in BC Canada Buildings: New Sets of Administrative Controls Gurleen Bhatia , Laurence Svirchev, Bobby Sidhu
Thurs 15:15 – 15:45 PM (VNT) Thurs 4:15 - 4:45 AM (EDT)	Coffee break	
Thurs 15:45 – 17:00 PM (VNT) Thurs 4:45 - 6:00 AM (EDT)	Parallel oral sessions 3 and 4 Presentation time & Q&A: 15 minutes/each	
In-person	Chair: Dr. Vinod Gopaldasani	Chair: Prof.Dr. Rachael M. Jones
Online	Co-chair: Dr. Jennifer Galvin	Co-chair: Alec Farquhar
	Session#3: Air contaminants, exposure and controls (HT.1)	Session#4: Physical and environmental impacts on workers. (HT.2)
Thurs 15:45 -- 16:00 PM (VNT) Thurs 4:45 - 5:00 AM (EDT)	Presenter 3.1. OP-35. A narrative review of wood dust exposure and potential health risks Hien Thi Thu Ngo , Aurora Le, Tran B. Huynh, Tuan N. Nguyen	Presenter 4.1. OP-14. Fitness for Duty – Practical Approaches for Manufacturing, Mining, and Construction. Kyle Naylor, MSPH, CIH, CSP, OHST

Thurs 16:00 – 16:15 PM (VNT) Thurs 5:00 - 5:15 AM (EDT)	Presenter 3.2. OP-36. Analysis and Proposed Solutions for Dust Reduction in Quang Ninh Underground Coal Mining Bui Manh Tung, Bui Ngoc Quy	Presenter 4.2. (V) OP- 20. The Impacts of Climate Change on Construction Workers' Health and Safety Nayake Bandaralage Parakrama Balalla
Thurs 16:15 – 16:30 PM (VNT) Thurs 5:15 - 5:30 AM (EDT)	Presenter 3.3. OP-37. Application of the PSO-SVR artificial intelligence model to predict air temperature in the blasting coal longwall at Nam Mau coal mine Quang Van Nguyen, Tung Manh Bui	Presenter 4.3. (V) OP-23. Enhancing Occupational Health Outcomes: The Crucial Role of Competency and Stakeholder Collaboration Samantha Connell, MSPH, CIH President, IOHA
Thurs 16:30 – 16:45 PM (VNT) Thurs 5:30 - 5:45 AM (EDT)	Presenter 3.4. OP-29. Monitoring of PBDEs using passive air samplers (PUF) in air samples collected from urban areas in Hanoi, Vietnam Tu Van Vu, Cuong Van Tran, Nam Hoang, Hien Thi Do, Thao Thi Le, Thang Minh Hoang, Phong Viet Nguyen, Tu Binh Minh, Tri Manh Tran	Presenter 4.4. OP-12. Enhancing Workplace Safety and Health Through Video Exposure Monitoring James D. McGlothlin
Thurs 16:45 – 17:00 PM (VNT) Thurs 5:45 - 6:00 AM (EDT)	Presenter 3.5. OP-43. The current status of hearing loss among cement production workers exposed to occupational noise in 2023 Ha Lan Phuong, MD, PhD	Presenter 4.5. (V) OP-5. Whole Body Vibration in Construction and Transportation Mary O'Reilly, PhD, CIH, CPE
Closing of afternoon session -- ends Day 1		
Thurs 19:00 – 21:00 PM (VNT) <i>(For onsite delegates)</i> Thurs 8:00 – 10:00 AM (EDT)	Social gathering/ Welcome dinner	

Day 2, Friday, October 25, 2024 (Onsite & Online)		
Parallel oral sessions 5 & 6 Presentation time & Q&A: 15 minutes/each		
Fri 8:30 – 9:45 AM (VNT) Thurs 9:30 – 10:45 PM (EDT)	Chair: Prof. Dr. Luu Ngoc Hoat	Chair: Prof. Dr. Nguyen Manh Khai
In-person	Co-chair: A/Prof. Dr. Mary O'Reilly	Co-chair: Laurence Svirchev
Online		

	Session#5: Other recognized hazards in manufacturing and construction (HT.1)	Session#6: Hazard reduction through OSHE training (HT.2)
Fri 8:30 - 8:45 AM (VNT) Thurs 9:30 - 9:45 PM (EDT)	Presenter 5.1. OP-24. Sampling Solutions in Welding Operations in Manufacturing and Construction Workplaces Dr.-Ing. Ang Keng Been	Presenter 6.1. (V) OP-18. Workplace Health Without Borders' virtual occupational health and safety training using synchronous and asynchronous methods Jennifer Galvin , Lydia Renton, WHWB
Fri 8:45 – 9:00 AM (VNT) Thurs 9:45 - 10:00 PM (EDT)	Presenter 5.2. OP-26. Study on the level of exposure to radioactive radon gas (^{222}Rn ; ^{220}Rn) on the health of people in the Sin Quyen copper mine area, Lao Cai Nguyen Van Dung , Nguyen Thi Thu Trang	Presenter 6.2. (V) Op-19. The Workplace Health Without Borders ethos and service delivery in a nutshell Marianne Levitsky, Jennifer Galvin , WHWB
Fri 9:00 – 9:15 AM (VNT) Thurs 10:00 - 10:15 PM (EDT)	Presenter 5.3. OP-27. Assessment of Styrene Exposure among Workers in Manufacturing Facilities Using Styrene as a Raw Material Vu Xuan Trung , Pham Thi Bich Ngan, Bui Thi Ngoc Minh	Presenter 6.3. OP-42. Developing Occupational Hygiene Training Opportunities in the Asian region Binh Pham , M.Sc, CMIOSH, FIIRSM, RSP, LSP, WSO-CSI (ML), Terry Elms, FAIOH, ANOH
Fri 9:15 - 9:30 AM (VNT) Thurs 10:15 - 10:30 PM (EDT)	Presenter 5.4. OP-28. Efficiency of pre – treated anaerobic digestion of food waste in Phu Thuong – Ha Noi traditional rice processing village Nguyen Viet Phong , Vu Duc Toan, Nguyen Thi The, Vu Van Tu	Presenter 6.4. OP-32. Landslide risk assessment based on GIS and remote sensing technology in Hoa An, Cao Bang Province Phan Thi Mai Hoa , Nguyen Quoc Phi, Nguyen Thi Cuc
Fri 9:30 - 9:45 AM (VNT) Thurs 10:30 - 10:45 PM (EDT)	Presenter 5.5. OP-40. Status of Occupational Environmental Monitoring at some health facilities in Vietnam in 2022-2023 Le Thi Thanh Xuan , MD, PhD	Presenter 6.5. OP-33. Suitability assessment of land change cover to the ecological conditions in Nam Mu River Basin of Lai Chau province, Northern Vietnam in climate change context Vu Thi Phuong Thao , Nguyen Thi Cuc
Fri 9:45 – 10:15 AM (VNT) Thurs 10:45 - 11:15 PM (EDT)	30 minutes Coffe Break	
Fri 10:15 – 11:30 AM (VNT)	Parallel oral sessions 7 & 8 Presentation time & Q&A: 15 minutes/each	

Thurs 11:15 - Fri 12:30 AM (EDT)		
In-person	Chair: A/Prof. Dr. Le Minh Giang	Chair: Dr. Lydia Richards
Online	Co-chair: Cheryl Schiller	Co-chair: Dr. Edward T. Zellers
	Session#7: Emerging technologies in training and expertise building (HT.1)	Session#8: Occupational health and safety management (HT.2)
Fri 10:15 – 10:30 AM (VNT) Thurs 11:15 - 11:30 PM (EDT)	Presenter 7.1. (V) OP-17. Closing the Gap of Qualified OH Professionals through Changes to the IOHA NARC Assessments of National Associations. Sharann Johnson AM, COH, FAIOH	Presenter 8.2. (V) OP-06. Occupational Lung Diseases #1: Workplace Controls and Diagnostic Tools Thomas H Gassert MD MSc (Occ Hygiene) FACOEM
Fri 10:30 -- 10:45 AM (VNT) Thurs 11:30 - 11:45 PM (EDT)	Presenter 7.2. (V) OP-15. OHTA - Changing the World of Occupational Health and Hygiene One Course at a Time Verpaele Steven, Laszcz-Davis Chris	Presenter 8.3. (V) OP-07. Occupational Lung Diseases #2: Common Work-Related Conditions and Novel Issues Thomas H Gassert MD MSc (Occ Hygiene)
Fri 10:45 – 11:00 AM (VNT) Thurs 11:45 - 12:00 AM (EDT)	Presenter 7.3. OP-03. InTERACCT: Training in industrial hygiene and emerging technologies Rachael Jones, PhD	Presenter 8.1. OP-04. Assessing the Feasibility of Reusing Gloves in Occupational Settings Yu-Wen Lin, Pei-Ting Jian
Fri 11:00 – 11:15 AM (VNT) Fri 12:00 - 12:15 AM (EDT)	Presenter 7.4. (V) OP-09. Occupational Health and Safety – Management of a Large College’s OHS Program Lan Chi Nguyen Weekes	Presenter 8.4. OP-02. Efficient engineering controls for airborne diseases Chih-Chieh Chen, PhD
Fri 11:15 –11:30 (VNT) Fri 12:15 - 12:30 AM (EDT)	Presenter 7.5. (V) OP-10. Board of Global EHS Credentialing (BGC) – An Overview Donald M. Weekes	Presenter 8.5. OP-44. The characteristics of using protection against the impact of noise by freelance workers at some intersections and crossroads in Thai Nguyen city Nguyen Viet Quang, MSc
Fri 11:30 –11:45 (VNT) Fri 12:30 - 12:45 AM (EDT)	Presenter 7.6. OP-49. Overview of OSHE training in Hanoi University of Sciences, Vietnam National University Vietnam Tran Thien Cuong, PhD	
Fri 11:45 AM – 12:15 PM Fri 12:45 AM – 1:15 AM (EDT)	Closing Remarks	

Fri 12:15 PM – 1:30 PM (VNT)
Fri 1:15 - 2:30 AM (EDT)

Lunch time (For onsite delegates)

Note:

HT.1. Nguy Nhu Kon Tum Meeting Room

HT.2. Meeting Room 2

Fri 13:30 PM – 17:30 PM (VNT)
Fri 2:30 - 6:30 AM (EDT)

Site visit: Bat Trang Ceramics Village, Hanoi
(For onsite delegates) Delegates need to sign up in advance

TOUR LENGTH

Fri 14:00 – 18:00 PM (VNT)

FOR FURTHER DETAILS CONTACT

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Description:

Hanoi is renowned for its traditional craft villages, with Bat Trang being the oldest ceramic-making village in Vietnam. Historical records suggest that Bat Trang Ceramic Village was established as early as the 14th or 15th century, or possibly even earlier. The tour is not only educational but also offers an unforgettable experience. You will have the opportunity to see firsthand how pottery is crafted and might even witness the operation of one of the last large traditional kilns, over 100 years old. These gourd kilns, connected systems heated with wood or coal, involve placing ceramic products in sacks and arranging them neatly in the oven before firing. The village is believed to have originated with five major pottery-making families and their craftsmen who followed the first emperor of the Ly Dynasty to establish their businesses in the new capital, which is Hanoi today.

Note: The schedule and time allocation might be changed. The times mentioned are based on the local time zone (Hanoi, GMT+7)

Day 3, Saturday, October 26, 2024
(Delegates need to sign up in advance)
Whole Day Event (Optional)
8:00 AM – 7:00 PM (VNT)

CULTURAL EXCHANGE
Sightseeing and cultural experience to Trang An World Heritage Site



Description:

Tràng An is a stunning destination in Vietnam, located in Ninh Binh Province, about 90 kilometers south of Hanoi. It is part of the Scenic Landscape Complex, covering over 2,000 hectares and featuring a network of waterways, limestone karsts, and caves.

The area offers various activities such as boat tours, kayaking, and exploring enchanting caves like Dia Linh Cave, Nau Ruou Cave, Ba Giot Cave, and the Bright and Dark Caves. Cultural and historical sites include Vu Lam Palace, Trinh Temple, Phu Khong, and Tran Temple. The site has a 250-million-year-old geological system of limestone mountains and diverse ecosystems, including flooded forests and archaeological relics.

Recognized as a UNESCO World Heritage Site in 2014, Trang An is a year-round destination with unique experiences in every season. Overall, Trang An Ninh Binh is a must-visit for its blend of natural beauty and cultural heritage.

FOR FURTHER DETAILS CONTACT

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