

**Tentative ISTeSHE 2024**  
**Day 1: 13 November 2024 (Online)**

Time	Tentative
8:00 – 8:30	Gathering, VIP Arrival, Briefing and Dua Recital
8:30 – 9:30	<b>Keynote Speech 1</b>  Mr. Sufian Bin Lajak Chief Assistant Director Department of Occupational Safety and Health, Pahang  <i>"Protecting workers and ensuring safety: a comprehensive regulation on technical safety and occupational health"</i>
9:30 – 10:00	Welcoming Speech by the Vice Chancellor of UMPSA  YH. Prof. Dato' Ts. Dr. Yusserrie bin Zainuddin
10:00 – 10:30	<b>ISTeSHE 2024 Opening Ceremony</b>  Officiation Speech by Ir. Hj. Mohd Hatta Bin Zakaria  Director General Department of Occupational Safety and Health, Ministry of Human Resource
10:30 – 10:35	Break
10:35- 11:35	<b>Keynote Speech 2</b>  Mr. Harun Bin Bakar Head of Prevention Branch, PERKESO  <i>"Empowering a Safe and Healthy Working Environment: The Vital Role of Social Security Integration"</i>
11:35 – 12:35	<b>Keynote Speech 3</b>  Assoc. Prof. Dr. Mohd Fadzil Bin Mohd Idris Faculty of Industrial Sciences and Technology, UMPSA  <i>"The future of technical safety: Innovation, trends and emerging challenges"</i>
12:35 - 14:00	Lunch Break
14.00 - 15.00	<b>Keynote Speech 4</b>  Mr. Muhammad Fakrul Hady Bin Nordin Head of Health, Safety, Security and Environment, PETRONAS Penapisan (Terengganu) Sdn. Bhd  <i>"Effective Technical Safety and Environmental Sustainability Practices for high-risk industry"</i>
15.00 - 16.00	<b>Keynote Speech 5</b>  Mr. Azwadi Bin Mokhtar Executive Director, The Malaysian Society of Occupational Safety and Health (MSOSH)  <i>"Collaborating for Transformation: Fostering Technical Safety in Industry"</i>
16.00 – 17.00	<b>Keynote Speech 6</b>  Mr. Mohamad Khairil Azhar Bin Mohd Salim Industrial Hygienist Qatar Energy  <i>"Industrial Hygiene in the 21<sup>st</sup> Century: Technology, Compliance and Empowerment"</i>
17.00	End of Day 1

**Day 2: 14 November 2024 (Online)**

Time	Tentative	
8.00 – 8.30	Participant online Gathering	
8.30 - 9.30	<b>Keynote Speech 7</b> Assoc. Prof. Dr. Mila Tejamaya Universitas Indonesia  <i>"From Theory to Practice: Bridging the Gaps Between Academic Research and Real-World Application in Occupational Safety and Health"</i>	
9.30 - 10.30	<b>Keynote Speech 8</b> Prof. Dr. Minoru Yoneda Director General, Agency for Health, Safety, and Environment. Kyoto University, Japan  <i>"How to proceed with CNP (Carbon Neutral Promotion) projects at Kyoto University"</i>	
10.30 – 10.35	<b>Parallel Session Preparation</b>	
	<b>Session 1A</b>	<b>Session 1B</b>
10.35 – 10.50	Transforming Workplace Safety: The Impact of Malaysia's OSH Act 2022	Studies On the Effects of Covid-19 On Construction Industry in The State of Pahang
10.50 – 11.05	Emergency response management framework for major hazard installation in Malaysia	Work stress & risk factor in nursing profession at hospital
11.05 – 11.20	Accident Risk Factor Involving Prime Mover Driver in Port Terminal Operations.	Prevalence and Risk Factors of Digital Eye Strain among University Staff
11.20 – 11.35	Risk Assessment of Material Handling Equipment at Warehouse.	A Comparison Study Between E-Sports Gamer and Public Gamer Related to Ergonomics Issue Focus on Back Pain.
11.35 – 11.50	Identifying And Addressing Key Factors Contributing to Falls from Height in The Construction Industry: Perspective of Construction Workers	Acceptance, Knowledge and Attitude Towards COVID-19 Vaccines Among Public Universities Workers in Kuantan, Pahang
11.50 – 12.05	A Study on the Safety Knowledge, Attitude and Practices (KAP) among Train Users	Musculoskeletal Disorder Pain Symptoms Risk Factor Investigation of ER and ICU Nurse in Public Hospital X Surabaya
12.05 – 12.20	An Exploratory Study of the Resilience of Healthcare Workers Toward Major Accident Events: A Case Study	Prevalence and associate factors of hearing loss symptoms among construction workers
12.20 – 12.35	Simulation-Based Training for Fire Evacuations in 3D Game Environments: Improving Decision-Making Under Pressure	Antibiotic resistance in the slaughter houses: Kuantan case study
12.35 – 12.50	In-vehicle exposure to traffic-related air pollutants and the health impacts on e-hailing drivers in Southeast Asia: A literature review	Study on Emotional Instability among Playschool Educators in Kuantan, Pahang
12.50 – 13.50	<b>Lunch Break</b>	
13.50 – 14.00	<b>Parallel Session Preparation</b>	
	<b>Session 2A</b>	<b>Session 2B</b>
14.00 – 14.15	Determination of the Prioritized Factors Influencing Equipment Failure in the Process Industry by applying Delphi Technique	Bioaerosol Concentration in Indoor Day-care Centre
14.15 – 14.30	Assessing human errors during the equipment's start-up operation in the process industry: stress-driven error analysis	Indoor Air Quality and Symptoms of Sick Building Syndrome among Garment Workers in Kelantan, Malaysia
14.30 – 14.45	Development On Gas Sensor Prototype Based on Carbon Monoxide in The Vehicle for Safe Driving	Sick Building Syndrome Prevention and Control Strategies for Office Building in Tropical Countries: A Review
14.45 – 15.00	Development And Validation of Sick Building Syndrome Assessment Model	Whole Effluent Toxicity on Treated Textile Wastewater from Constructed Wetlands Combining with Consortium Endophytic Bacteria using Daphnia magna
15.00 – 15.15	Knowledge, attitude and practice towards safety and health among university students	Environmental Risk Analysis of Heavy Metals in Groundwater near Banyuroto Landfill, Yogyakarta
15.15 – 15.30	Development Questionnaire for Noise Risk Assessment Tool in Palm Oil Industry	Effects of Charcoal-based Product Combustion on Indoor Air Quality, Particulate Matter and Trace Metal Content during Barbequing
15.30 – 15.45	A study on the relationship between employer readiness and commitment to people with disabilities in the food and beverage industry	GIS-Based Mapping of Air Pollution Exposure and Health Effects in Industrial Area of Kuantan, Pahang, Malaysia: A Pilot Study
15.45 – 16.00	Precarious work and its impact on employee wellbeing: A research framework	Impact of Underground Gold Mining on Soil Chemistry and Biology: Indigenous Microbe-Driven Rehabilitation?
16.00 – 16.15	Thermal investigation of the coconut husk aerogel for enhanced insulation properties	
16.15 – 16.30		
16.30 – 17.00	<b>Closing Speech</b>  Assoc. Prof. Dr. Aizi Nor Mazila Binti Ramli Dean Faculty of Industrial Sciences and Technology, UMPSA	