

Agenda

The 2nd OSH Avenue International Conference (OAIC) "Foresight for Safety: Creating Safer and Healthier Lives"

May 19th – 20th, 2023

At Grand Hall, True Digital Park, Phra Khanong, Bangkok

With Hybrid Conference

Friday 19 th May 2023		
Code	Time	Title/Presenter
OR01_R	9.30-9.50 a.m.	The Efficiency of Fire Alarms as Determined by The Photo Color Intensity Technique Presenter: Nutthajit Onmek (Faculty of Science and Industrial Technology, Bansomdejchaopraya Rajabhat University)
OR02_R	9.50-10.10 a.m.	The Impact of Work from Home on Employees in Aviation Industry during COVID-19 Pandemic; The Socioeconomic and OHS perspectives. Presenter: Pattawee Sudasna (Department of Occupational Health and Safety, Faculty of Public Health, Mahidol University)
OR03_I	10.10-10.30 a.m.	Automatic Feeder Machine for Reduce Musculoskeletal Disorders and Dust Exposure (Innovation) Presenter: Nattapong Kluakhlae, Sitrapee Changmuenwai (CPF Thailand Public Company Limited)
OR04_R	10.30-10.50 a.m.	A study of factors affecting safety and occupational health of food delivery motorcycle Presenter: Kittichai Athikulrat (King Mongkut's University of Technology North Bangkok)
OR05_R	10.50-11.10 a.m.	Effects of Stress and Stress Control Strategies in Bus Drivers: A Systematic Reviews Presenter: Nutthajit Onmek (Faculty of Science and Industrial Technology, Bansomdejchaopraya Rajabhat University)
OR06_I	11.10-11.30 a.m.	Automatic Gate-In (Innovation) Presenter: Pongpat Charoenkul, Saringkarn Leungtongkum (Siam City Cement Public Company Limited)
OR07_R	11.30-11.50 a.m.	Relationship between Stress and Musculoskeletal Disorders among Cassava Farmers in Chok Chai District, Nakhon Ratchasima Province Presenter: Suppachai Plujan (Department of Occupational Health and Safety, Faculty of Public Health, Mahidol University)
OR08_R	11.50 a.m. -12.10 p.m.	No-Touch Automated Disinfection Technologies; Area or Room Decontamination with Hydrogen Peroxide Vapor in Tertiary Hospital, Thailand Presenter: Suwat Suksawasdi (Department of Health Technology, Faculty of Science and Health Technology, Navamindradhiraj University)
	12.10 – 1.10 p.m.	Lunch Break
	1.10 – 1.40 p.m.	Opening Ceremony by Labour Minister
Keynote01	1.50 – 2.10 p.m.	Key challenges for future safety leaders Boonyanit Wongrukmit, Governor Electricity Generating Authority of Thailand (EGAT)
OR09_I	2.10 – 2.30 p.m.	Intelligent Safety Helmet Electric Alarm Device Presenter: Dr.Somboon Sooksatra, Asst.Prof.Plt.Off.Dr.Vanee Sooksatra, Asst.Prof.Wanchai Subsingha and Mr.Kate Siribhakdi (Rangsit University)
Keynote02	2.30 - 2.50 p.m.	Holistic Employee Wellness Prof. Kriengsak Chareonwongsak, Nation-Building Institute International (NBII)
OR10_R	2.50 – 3.10 p.m.	Activated Carbon from Bread Crusts for Absorb Pollutants from Industrial Wastewater Presenter: Nuttabodee Viriyawattana (Department of Occupational Health and Safety, Faculty of Science and Technology, Suan Dusit University)
Keynote03	3.10 - 3.30 p.m.	Cultivating safety mindset for new generation Prof. Dr. Tirayut Vilaivan, the director of center for Safety, Health, and Environment of Chulalongkorn University
OR11_R	3.30 – 3.50 p.m.	Knowledge, Attitude and Practice Related to Occupational Safety and Health of Prefabricated Roof Installation Industry in Thailand Presenter: KITTIGAR LAOWATTANAROJ, SUPARAT KATA (Thailand Institute of Occupational Safety and Health (Public Organization))
Keynote04	3.50 – 4.10 p.m.	Stay Strong and Healthy Prof.Dr.Thiravat Hemachudha MD, FACP - Head of Center for Emerging Disease Health Sciences, Faculty of Medicine, Chulalongkorn University
OR12_R	4.10 – 4.30 p.m.	Reserved
Keynote05	4.30 – 4.50 p.m.	Pointing and Calling, the effective method to prevent labour accident in Japan. Kiyoshi SUMI, Deputy Director, International Affairs Division, Japan Industrial Safety and Health Association (JISHA)
OR13_I	4.50 – 5.10 p.m.	Fire Alarm Image processing (Innovation) Presenter: Thiraphong Thiangphadung, Krit Poomthongdee (Electricity Generating Authority of Thailand; EGAT)
Ending OAIC 2023 Day 1		

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Code	Time	Title/Presenter
OR14_I	9.30-9.50 a.m.	An ergonomic design of storage box for overhead crane's remote controller (Innovation) Presenter: Sathit Wu, Primmapat Charoenpipattanachai (Department of Occupational Health and Safety, Faculty of Public Health, Mahidol University)
OR15_R	9.50-10.10 a.m.	Microbiological air quality of the orthopedic operating rooms and their surrounding rooms in a university hospital Presenter: Kanokwan Borwornphipattanachai (Department of Epidemiology, Faculty of Public Health, Mahidol University)
Keynote06	10.10-10.30 a.m.	Digital Technology for workers in high-risk work; Constant Chemicals Monitoring System Jae Pil Chang, Ph. D, Director of the Occupational Health Center for Electronics Industry, Korea Occupational Safety and Health Agency (KOSHA)
OR16_R	10.30-10.50 a.m.	Reduce the carbon emissions by waste management Presenter: Chawalit Chommanee (Faculty of dentistry, Mahidol university)
OR17_I	10.50-11.10 a.m.	MISS G. BEAN ROLLING (Innovation) Presenter: Podcharakorn Jitkasem, Taksaporn Wongpatimarn (PCCMS, CHULABHORN ROYAL ACADEMY)
OR18_R	11.10-11.30 a.m.	Risk Assessment and Performance Testing of Fume Hoods for Research Laboratory of A University in Bangkok Presenter: Peerada Soontara (Safety Engineering Program, Faculty of Engineering, Kasetsart University)
OR19_I	11.30-11.50 a.m.	Sky Bridge (Innovation) Presenter: Verapon Puwanont, Phonlawat Prasert (Provincial Electricity Authority, Ban Phai district, Khonkaen)
Keynote07	11.50 a.m. -12.10 p.m.	Holistic approach to safety and health at work after the pandemic of COVID-19 or Occupational diseases Yuka Ujita, International Labour Organization (ILO)
	12.10 – 1.10 p.m.	Lunch Break
OR20_R	1.10 – 1.30 p.m.	Wellness Center Model: Big Change with new health's system idea in workplace for save medical treatment expense and good productivity Presenter: Rungprakai Wirichai (Division of Occupational and Environmental Diseases, Ministry of Public Health)
OR21_R	1.30 – 1.50 p.m.	Fire Detection System in the Building with CCTV Techniques Presenter: Amornrat Photikasem (Department of Occupational Health and Safety, Faculty of Science and Technology, Suan Dusit University)
OR22_I	1.50 – 2.10 p.m.	Development of Ergonomic Needle Safety Box to Reduce the Risk of Musculoskeletal Diseases and Needle Stick Injuries among Healthcare Professionals in Thailand (Innovation) Presenter: Withaya Chanchai, Sathita Banchong (Occupational Health and Safety, Faculty of Public Health, Siam University)
Keynote08	2.10 – 2.30 p.m.	Well-being issues applied on informal sectors Phongsak Thongratana, ThaiHealth's director of Health Promotion in Organisations
OR23_R	2.30 - 2.50 p.m.	Recommendations for improving the manual lifting and handling operations regulations to prevent and reduce musculoskeletal injuries: The results from a literature review and pilot survey across 5 industries. Presenter: Naris Charoenporn (Faculty of Engineering, Thammasat University)
OR24_R	2.50 – 3.10 p.m.	Design and Development of Portable Smoke and Heat Detector Alert via Smartphone Presenter: Dusita Che-mard (Department of Occupational Health and Safety, Faculty of Science and Technology, Suan Dusit University)
OR25_I	3.10 - 3.30 p.m.	Warning Light for Safety 22 kV Disconnect Switching Operation (Innovation) Presenter: Bhuwadan Saengsukon, Mukraee Thongnoi (Electricity Generating Authority of Thailand; EGAT)
Keynote09	3.30 – 3.50 p.m.	Khonkaen smart city model; safety and security aspects Suradech Taweesaengsakulthai, Co-Founder and Chairman of Khon Kaen City Development (KKTT) Co., Ltd.
OR26_R	3.50 – 4.10 p.m.	Factor affecting to eye strain of computer workers in a food industry Presenter: Primmapat Charoenpipattanachai, Sathit Wu (Department of Occupational Health and Safety, Faculty of Public Health, Mahidol University)
OR27_I	4.10 – 4.30 p.m.	Sound Warning for Preventive Car Accident (Innovation) Presenter: Teeradate Sukbunsang, Pilaiwan Wongwat (WESTERN DIGITAL STORAGE TECHNOLOGIES (THAILAND) LTD.)
Summary of OAIC 2023		
Keynote10	4.30 – 4.50 p.m.	Implementation of Holistic approaches challenged in social development Directors of Thailand Institute of Occupational Safety and Health
Ending OAIC 2023 Day 2		

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