Safety & Health Conference
Driving OSH Excellence - Challenges and Way Forward

Target Group
- Safety & Health Officer
- Safety Committee
- Industrial Nurses
- Others with Safety & Health responsibilities

Help Desk
- DOSH
- Penang Adventist Hospital
- SOCSO

Fees
Member: RM1000
Non Member: RM1100
Introduction

The great majority of workplace accidents and diseases is preventable and realizing our vision of zero workplace injuries and sicknesses is possible. But good intentions have not always been implemented or sustained. While some may be tempted to cutback on occupational safety and health (OSH), especially during an economic downturn, protecting workers is not a luxury to be sacrificed in hard times.

OSH is, in fact, an engagement and a responsibility which could add value and give new impetus to the process of economic recovery generating sustainable development and at the same time successful businesses.

We must not ignore that the digital transition also brings along many chances to make work safer, healthier, more flexible and also socially more inclusive. Possibilities reach from intelligent safety technology and virtual engineering for early risk analysis and safety by design, via medical innovations for diagnosis and through to digital qualification aids such as e-learning tools and smart glasses. There are a lot of opportunities to seize for all of us!

The 2020 Conference will discuss how to further instil a culture of preventing work-related ill health, accidents and death.

Objectives

- To discuss the current issues and concerns and challenges in the industries as well as potential future concerns in the field of safety and health especially in Industrial 4.0
- To ensure that the current safety and health practices are beyond OSHA
- Platform for interaction with DOSH, relevant authorities and Safety & Health practitioners
- Insights from successful OSH practices on the preventive culture
- To benchmark & adopt the best safe and healthy work culture & tools in the industry
- To update the industry on OSHA legislations and regulations
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Presenter</th>
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<tbody>
<tr>
<td>8.00 am</td>
<td>Registration</td>
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| 8.30   | Topic 1: Updates on Current Issues, Legislation and Trends | Dr Majahar Abdul Rahman  
Director, International Policy and Research  
Department of Safety and Health, Putrajaya |
| 9.30   | Welcome remark                   | Mr Kew Chi Shiang  
Chairman, ESH Sub-Committee - FMM Penang Branch                                  |
| 9.45   | Keynote address                  | Tuan Haji Jaafar Leman  
State Director, Department of Safety and Health, Penang                           |
| 10.00  | Morning Networking Break         |                                                                                 |
| 10.30  | Paper 2: Control of occupational noise in Malaysia | Prof IR Dr Salman Leong  
Institute of Noise and Vibration, Universiti Teknologi Malaysia                    |
| 11.30  | Paper 3: Assessing the health risk of chemical disasters | Prof Dr Jamal Hisham Hashim  
Visiting Professor of Environmental Health  
Universiti Selangor                                                                |
| 12.20 pm| Paper 4: Implementation of the revised guidelines on the use of VDU and sitting at work: Coordinating with Malaysian Ergonomic Risk Assessment? | Professor Dr Shamsul Bahri Mohd Tamrin  
UPM                                                                                  |
| 1.15   | Networking Lunch                 |                                                                                 |
| 2.30   | Paper 5: Strengthening industrial hygiene in SMEs-Challenges and opportunities | Mr Ng Hon Seng  
Vice President Malaysian Industrial Hygiene Association                            |
| 3.20   | Paper 6: Let the dust settle on the new Noise Regulations - feedback from an OH Physician | Dr Wong Kar Lin  
Occupational Health Physician                                                       |
| 4.20   | Paper 7: Noise Risk Prevention with Effective Hearing Conservation Program | Sherlyn Voon  
Application Engineering Specialist  
3M Innovation Center                                                                 |
| 5.15   | Afternoon Networking Break and End of Session |                                                                                 |

FMM Safety & Health Conference 2020

The organiser reserves the right to alter the content and timing of the programme in the best interest of the Conference.
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<td>Paper 8: TBA &lt;br&gt; by Senior DOSH Officer</td>
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<td>Morning Networking Break</td>
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<td>10.30</td>
<td>Paper 9: Integrated framework for chemical safety and chemical security &lt;br&gt; by Associate Professor Dr Goh Choo Ta &lt;br&gt; Institute of Environment and Development, Universiti Kebangsaan Malaysia</td>
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<td>11.40</td>
<td>Paper 10: Fatigue Management Assessment &lt;br&gt; by Associate Prof Dr Yassierli &lt;br&gt; Institut Teknologi Bandung</td>
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<td>12.30</td>
<td>Paper 11: Singapore perspective in developing OSH professional &lt;br&gt; by Mr Darajit Daud &lt;br&gt; Honorary Secretary &lt;br&gt; Singapore Institution of Safety Officers</td>
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<td>1.10 pm</td>
<td>Networking Lunch</td>
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<td>2.15</td>
<td>Paper 12: ISO 45001 - The TRUTH and The HIDDEN AGENDA &lt;br&gt; by Fakhrul Anwar A. Affandi &lt;br&gt; Principle/Founder &lt;br&gt; Mega Mekar Solutions Sdn Bhd</td>
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<td>3.15</td>
<td>Paper 13: Heat Related Illness at Workplace &lt;br&gt; by Dr Chow Sze Loon &lt;br&gt; Public Health Physician and Epidemiology Officer, Penang Health Department</td>
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<td>4.00</td>
<td>Paper 14: TBA &lt;br&gt; by Associate Prof Dr. Lilis Surienty Abd. Talib &lt;br&gt; Universiti Sains Malaysia</td>
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<td>Afternoon Networking Break and End of Session</td>
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Workplace Ergonomics and Occupational Injuries
12 March 2020 | FMM Seberang Jaya

Hearing Conservation Program (based on New Noise Regulation)
14 April 2020 | FMM Seberang Jaya

This free program is only for Safety and Health Conference participant. Only one program can be selected. Seats are limited.
Professor Dr. Shamsul Bahri

Professor Dr. Shamsul Bahri is Industrial Hygiene/Occupational Ergonomic lecturer in Environmental & Occupational Health, UPM. He had supervised a total of 62 undergraduate students and 18 postgraduate students with 6 PhD students and had completed many research projects sponsored by The Ministry of Science and Innovation and Ministry of Higher Education with the total grant of RM1.7 million. This includes research in industrial ergonomics including intervention of ergonomics injuries among commercial vehicle drivers, improvement of school ergonomics and ergonomics intervention in agriculture especially related to oil palm industries. He is currently one of the consultant for various project with DOSH with total gran of RM2.1 million. Under UPM, he owns industrial patent for Ergonomic bus seat design, ergonomics furniture for school and currently tool for harvesting free fruit bunch. He was among recipient of awards both National and International award especially related to ergonomics improvement among bus drivers. Besides publishing peer reviewed publications, he had consulted DOSH and various industries in occupational safety and health issues including noise exposure, audiometry, indoor air quality, epidemiological study on musculoskeletal disorders and developing the Malaysian Occupational Safety and Health Profile in 2008. He is currently the president of Human Factors and Ergonomics Society of Malaysia, an exco member of South East Asia Network of Ergonomics Societies (SEANES), Member of International Ergonomics Association (IEA), Member of Asian Council of Ergonomics Design (ACED), MQA panelist on OSH curriculum for various private and government Universities. He is also the national committee on developing Ergonomics risk assessment guideline for DOSH and technical member in developing guideline for manual handling with NIOSH.
Prof Jamal Hisham Hashim

Jamal Hisham Hashim is a visiting professor of environmental health at the United Nations University-International Institute for Global Health (UNU-IIGH). He is also a director of an environmental consultancy firm specialising in health risk and impact assessment. He was formerly a research fellow at UNU-IIGH and a professor at the National University of Malaysia (UKM). Prof. Jamal obtained his PhD in environmental health from the University of Michigan. He has been teaching, conducting research and consultancy in environmental and occupational health at UKM and UNU for the past 35 years. His research interests are mainly on the health effects of heavy metals, pesticides, solvents, air pollution, risk assessment, and recently, climate change. He has been the principal and co-investigator of 19 research projects, and has over 360 publications and presentations to date, including 87 full articles in refereed and indexed journals. He has been engaged as an environmental health consultant in over 60 local and overseas projects, primarily in the area of environmental health impact and risk assessment. He has also been consulted by the World Health Organization, International Atomic Energy Agency, Risk Science Institute and the Institute of Medicine in the U.S., the governments of Malaysia, Cambodia, Indonesia and Saudi Arabia on various environmental health issues. He is a registered environmental impact assessment consultant with the Department of Environment, Malaysia, a member of the Chartered Institute of Environmental Health in the U.K., an honorary fellow of the Academy of Occupational and Environmental Medicine Malaysia and a council member of the Asia Chapter of the International Society for Environmental Epidemiology.
Mr Darajit Daud

Darajit is an elected Executive Committee Member of the Singapore Institution of Safety Officers and holds the office of Honorary Secretary. He currently works for a Swiss based multinational company as Senior Manager for Operational Integrity (HSE) covering the South East Asia & Pacific Region.

He is a registered Workplace Safety and Health Officer with the Ministry of Manpower, Singapore and a Volunteer Sport Safety Mentor for Sport Singapore. He is a member of the Industry Advisory Committee of the University of Newcastle, Australia, Singapore Branch, for the Bachelor in Environmental and Occupational Health & Safety programme and also sits in many other National and International Technical Committees and Workgroups.

Darajit holds a Bachelor’s degree in Environmental and Occupational Health & Safety from the University of Newcastle, Australia, a Diploma in Management Studies from the Singapore Institute of Management and a Diploma in Production Engineering from the Singapore Polytechnic. He also holds Industry Trainer Module Certificates in Coaching Skills and Planning & Implementing Supervised Field Training from the Institute of Technical Education, Singapore.
Associate Professor ChM. Dr. Goh Choo Ta

Associate Professor ChM. Dr. Goh Choo Ta is the Chairman at Southeast Asia Disaster Prevention Initiative (SEADPRI), Institute for Environment and Development (LESTARI), National University of Malaysia (Universiti Kebangsaan Malaysia, UKM). He has more than 14 years of experiences in the field of chemical governance and chemical safety. His expertise was recognised by national and international agencies, for example, Dr. Goh was appointed as Subject Matter Expert by Department of Environment (DOE) for the Environmentally Hazardous Substances (EHS) Notification and Registration Scheme; appointed by Department of Occupational Safety and Health (DOSH) as Member (Professional) for the Technical Committee of CLASS Regulations 2013; appointed by Academy of Sciences Malaysia (ASM) as member of the Task Force on Sungai Kim-Kim and Pasir Gudang Incidents; invited by National Authority for Chemical Weapon Convention as Technical Expert for the Chemical Security Regulations Seminar; invited by Ministry of International Trade and Industry (MITI) as National Expert at the Workshop on ASEAN-Japan Chemical Safety Database (AJCSD). Besides, Dr. Goh also being appointed as Editorial Board member for the journal International Chemical Regulatory and Law Review, and as a member in the National Steering Committee on Malaysia Global Environment Facility – Small Grants Programme (GEF-SPG) by United Nations Development Programme (UNDP).

In 2017, Dr. Goh was appointed by Ministry of Natural Resources and Environment (NRE) as lead consultant for the project entitled ‘A Study to Strengthen Governance of Hazardous Chemicals in Malaysia’. Besides, Dr. Goh also has vast experience for the implementation of GHS (Globally Harmonised System of Classification and Labelling of Chemicals). In this regard, Dr Goh was appointed by MITI in 2016 to develop a system known as Classification Tool for Chemical Mixture (CATCH) that assist industry to comply with CLASS Regulations 2013, where CLASS Regulations 2013 was established based on GHS. Dr. Goh also collaborates with various international organisations, such as United Nations Institute for Training and Research (UNITAR) and United Nations Development Programme (UNDP) to carry out projects related to chemicals management.
Dr Chow Sze Loon

Public Health Physician & Occupational Health Doctor (DOSH HQ/14/DOC/00/387)
Epidemiology Officer, Southwest District Health Office
Pejabat Kesihatan Daerah Barat Daya,

Member of Professional Bodies:
- GOHNET (Global Occupational Health Network)- Member
- Malaysia Medical Association, (MMA) -Life Member
- CORUM (Colorectal Cancer Survivorship Society Malaysia)-Life Member
- National Institute of Occupational Safety & Health, (NIOSH)-Member

Academic Qualification (Qualification), (Institution):
- DrPH (Doctor of Public Health)- University of Malaya (Thesis: Development of Work-Directed Intervention on Return to Work Among Colorectal Cancer Survivors)
- M.P.H (Master of Public Health),University of Malaya
- CMIA (Certified Medical Impairment Assessor), (NIOSH)
- OHD (Occupational Health Doctor) DOSH HQ/14/DOC/00/387
- CISM (Certified Occupational Critical Incident Stress Manager), Workplace Trauma Centre, US
- Certificate of Public Health Principles in Disaster & Medical Humanitarian Response (CCOUC)
- MRO (Medical Review Officer), AOEMM
- MB; BS (Bachelor of Medicine; Bachelor of Surgery), MAHE, India

Public Health Related Activities (Post), (Organisation):
- District Epidemiology Officer, Southwest District Health Office, Penang (Jan 2017-till now)
- Principal Assistant Director of Health (Quality Unit, Public Health) (Jun 2015-Dec 2016)
- Penang Port Health Officer (Seaport and Airport), promotion of Healthy Workplace in airport (March 2014- Jun 2015)
Dr Wong Kar Lin

Dr Wong Kar Lin graduated from the University of Singapore in 1978 (MBBS) and obtained his Master in Occupational Medicine, Safety & Health from Edith Cowan University, Perth, Australia in 1998.

He was admitted as a member of the Academy of Occupational & Environmental Medicine (AOEMMM) in January 2009.

Prof Ir Dr Mohd Salman Leong,
Professor & Principal Consultant, Founding Director of Institute of Vibration and Noise

Prof Ir Dr Salman Leong has more than 35 years professional engineering consulting experience, and is acknowledged by the industry and government agencies as the leading authority in acoustics, noise & vibration in the country. He has been involved in many of the mega-projects and high impact consulting and investigation projects in oil & gas, power generation, infrastructure and construction industries.
Fakhruıl Anwar A. Affandi, the Principal Consultant for MEGA MEKAR SOLUTIONS and MEKAR Academy was a well-known Consultant, Lead Auditor, Lead Tutor, and Master Trainer on the field of Safety, Health, Environment and Quality Management System (SHEQ). He had conducted numerous consultancy for international and multinational companies, audited more than 1000 companies and trained more than fifteen thousand people on Management System and Motivation.

His experience as Principal Consultant and Lead Auditor for ISO 9001 - QMS, ISO 14001- EMS, ISO 45001 - OHSMS and SA 8000 series of standards for an international company gave him local and international exposure on implementation and auditing MANAGEMENT SYSTEM.

He is pursuing a Master Degree in OSHRM with OUM, had a Bachelor of Science (Hon) from the National University of Malaysia (UKM) and was a certified LEAD TUTOR for IRCA (International Registered of Certificated Auditor) courses, mainly ISO 45001:2018, ISO 9001:2015 and ISO 14001:2015. Lead Auditor for ISO 9001, ISO 14001, ISO 45001 and SA 8000.

He had involvement in Consultancy, Audit and trained Lead Auditor and auditor within SEA countries mainly in MALAYSIA, INDONESIA, KOREA, AUSTRALIA AND BRUNEI. His expertise mainly on MANAGEMENT SYSTEM including AUDITING, QHSE consultancy services related training program, PSYCHOLOGY in safety – Habitual Safety, MOTIVATION and EMPOWERMENT.

He also the MANAGEMENT COMMITTEE of MSOSH, one of Malaysian leading NGO, speaker for NCOSH Program (National Council of OSH, Malaysia), NIOSH trainer and Examiner panel, and COSH speaker, CIDB Judge panel for K3P Program and DOSH (Department of Occupational Safety & Health, Malaysia) auditor trainer and OSH Motivation speaker.
Puan Norhazlina Mydin

Puan Norhazlina Mydin is the President of Malaysian Industrial Hygiene Association. She is currently the Head of Global Industrial Hygienist from PETRONAS. Puan Norhazlina holds a Bachelor Degree in Chemical Engineering from University of Adelaide, Australia and a Master of Science in Occupational Hygiene from University of Aberdeen, Scotland.

She was awarded as a Certified Industrial Hygienist (CIH), by the American Board of Industrial Hygiene (ABIH) and was Awarded Certified Professional Industrial Hygienist (CPIH), by the Malaysian Industrial Hygiene Association. Some of her key experiences among others are:

1. Developed Group-level Industrial Hygiene strategies & initiatives
2. Conducted numerous Health Risk Assessment (HRA) and exposure monitoring (chemical, noise, radiation, heat stress, vibration, IAQ) in various upstream and downstream business operations
3. Trainers for HSE/IH modules such as Safe Handling of Chemicals, Hearing Conservation Program, HRA, Human Factors etc
4. Conducted numerous Tier-3 HSE Audits
5. Written numerous technical standards such as risk assessment, chemical management, noise, mercury, human factors
6. Team leader for the development of Malaysia’s National Mercury Management Guidelines in 2011
7. Team leader for Human Factors (HF) implementation in PETRONAS, developed framework for PETRONAS HF implementation
8. Involved in analysis of major accidents in PETRONAS, and reviewed the influence of human factors
9. Lead SAP EHS Database implementation for IH Risk Assessment and Workplace Sampling
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1) Name : _______________________________________________________________
   Designation : _____________________________
   Email : ______________________________________________________
   ☐ Will attend Free Workshop on 12 March | ☐ Will attend Free Workshop on 14 April

2) Name : _____________________________
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   ☐ Will attend Free Workshop on 12 March | ☐ Will attend Free Workshop on 14 April
   ☐ Please tick (✓) if you require vegetarian meal for ____ person(s)

Submitted by:
Name : ____________________________________________________________________
Designation:_______________________________________________
Company : __________________________________________________________________
Address:__________________________________________________________________________
____________________________________________________________________________
Tel: ____________________________ Fax : ____________________________
E-mail : ______________________________________________________
Membership Number : ___________________________________________

REFUND OF FEES
Cancellation registration must be made in writing to FMM Institute. If cancellation received:
More than 14 days prior to event – full refund.
Between 8 – 14 days - 50% refund
Less than 7 days of event - no refund

Attendance is by prior registration only. Registration form must be completed and returned to
FMM Institute 5 March 2020 with correct payment by cheque made in favour of “FMM
INSTITUTE” and crossed “Account Payee Only”. Payment by cash is acceptable during the day
of registration. Registration is on first-come-first-served basis.

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No additional cost for replacement. FMM Institute reserves the right to cancel or reschedule
the conference. All efforts will be taken to inform participants of any changes. If FMM Institute
decides to cancel or postpone the conference, FMM Institute will not be responsible for
covering airfare, hotel or any other costs incurred by participants.