Safety & Health Conference

Building a Vision of Prevention

SBL Claimable

13-14 March 2018

E & O Hotel, Penang

Target Group

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

Help Desk

- DOSH
- Penang Adventist Hospital
- SOCSO
Free Basic Health Check up

Fees

Member: RM1000
Non Member: RM1100
Special Rate for Self-sponsored and student
* The fees are inclusive of GST
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 2018 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
### Tentative Agenda 13 March 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
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<tbody>
<tr>
<td>8.00 am</td>
<td>Registration</td>
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<tr>
<td>8.30</td>
<td>Welcome remark&lt;br&gt;Chairman, ESH Sub-Committee - FMM Penang Branch</td>
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<tr>
<td>8.45</td>
<td>Keynote address&lt;br&gt;State Director, Department of Safety and Health, Penang</td>
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<tr>
<td>9.00</td>
<td>Paper 1: The role of DOSH in promoting a preventive culture towards OSHMP 2020&lt;br&gt;by Encik Anuar Embi&lt;br&gt;Director, International Policy and Research</td>
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<tr>
<td>9.50</td>
<td>Morning Networking Break</td>
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<tr>
<td>10.10</td>
<td>Paper 2: ISO45001</td>
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<tr>
<td>11.20</td>
<td>Paper 3: Updates on noise progression in Malaysia&lt;br&gt;by Prof IR Dr Salman Leong&lt;br&gt;Institute of Noise and Vibration, Universiti Teknologi Malaysia</td>
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<tr>
<td>12.20</td>
<td>Paper 4: Quantitative risk assessment of chemical exposures&lt;br&gt;by Prof Dr Jamal Hisham Hashim&lt;br&gt;Visiting Professor of Environmental Health&lt;br&gt;United Nations University-International Institute for Global Health, UKM Medical Centre</td>
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<tr>
<td>1.15</td>
<td>Networking Lunch</td>
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<tr>
<td>2.15</td>
<td>Paper 5: Safety &amp; health in 4.0 Industrial Revolution: The case of commuting accident&lt;br&gt;by Associate Prof Dr Lilis Surienty&lt;br&gt;Universiti Sains Malaysia</td>
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<tr>
<td>3.20</td>
<td>Paper 6: Sleep, work and health-How do they relate to each other?&lt;br&gt;by Dr Dicky Ng&lt;br&gt;Head of Wellness, Penang Adventist Hospital</td>
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<tr>
<td>4.20</td>
<td>Paper 7: TBA</td>
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<tr>
<td>5.15</td>
<td>Afternoon Networking Break and End of Session</td>
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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>8.30 am</td>
<td>Paper 8: TBA &lt;br&gt;by Senior DOSH Officer</td>
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<td>10.15</td>
<td><strong>Morning Networking Break</strong></td>
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<td>10.30</td>
<td>Paper 9: Compliance to CLASS Regulations 2013 using online system: CATCH &lt;br&gt;(Classification Tool for Chemical Mixture) &lt;br&gt;by Associate Professor Dr Goh Choo Ta &lt;br&gt;Institute of Environment and Development</td>
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<td>11.40</td>
<td>Paper 10: Critical OSH challenges facing working environment: Today &amp; tomorrow &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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<tr>
<td>12.30</td>
<td>Paper 11: OSH Profile &lt;br&gt;by Associate Professor Dr Shamsul Bahri Mohd Tamrin &lt;br&gt;President of Human Factors and Ergonomics Society of Malaysia &lt;br&gt;Lecturer of Industrial Hygiene/Occupational Ergonomic, UPM</td>
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<tr>
<td>1.10 pm</td>
<td><strong>Networking Lunch</strong></td>
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<td>2.15</td>
<td>Paper 12: HSE implementation in challenging expectation &lt;br&gt;by Encik Zamri Sahari &lt;br&gt;OSH Consultant</td>
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<td>3.15</td>
<td>Paper 11: TBA</td>
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<tr>
<td>4.00</td>
<td>Paper 14: Malaysia ergonomic risk assessment and competency opportunity &lt;br&gt;by Associate Professor Dr Shamsul Bahri Mohd Tamrin &lt;br&gt;President of Human Factors and Ergonomics Society of Malaysia &lt;br&gt;Universiti Putra Malaysia</td>
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Encik Anuar Embi is currently the Director of International Policy and Research Division, Department of Safety and Health, Putrajaya. Encik Anuar holds a Bachelor Degree of Mechanical Engineering from University of Miami, Florida. Some other positions that he held before are Director of DOSH Penang, Director of DOSH Sabah/Labuan and Director of DOSH Kedah.

Associate Professor Dr Lilis Surienty is a faculty member of School of Management, Universiti Sains Malaysia since 2005. Her research works focused on finding a sustainable safety management practices for SMEs and this includes researching about gender responsive OSH. She has international collaborations with Canadian, Norwegian and British researchers. She has graduated ten (10) full research students and has published both locally and internationally. She has been an invited speaker for the Department of Occupational Safety and Health (DOSH), the Federation of Malaysian Manufacturers (FMM) and Safe Work Australia at the recent XXI World Congress for Health and Safety at Work. Her expertise has been regularly consulted by the private sectors including the Local Government projects to encourage women participation in the economy.
Dr. Goh Choo Ta is a Research Fellow at the Institute for Environment and Development (LESTARI), National University of Malaysia (Universiti Kebangsaan Malaysia, UKM) and he has 10 years experience in the field of chemical governance and chemical safety, particularly on the area of Globally Harmonised System of Classification and Labelling of Chemicals (GHS). In 2010, Dr. Goh was appointed by Ministry of International Trade and Industry Malaysia (MITI) as National GHS Project Coordinator for the project entitled ‘Training and Capacity Building for the Implementation of the GHS in Malaysia’. Dr. Goh works closely with various agencies in Malaysia on issues related to chemicals management, such as MITI, Ministry of Natural Resources and Environment (NRE), Department of Occupational Safety and Health (DOSH) and Department of Environment (DOE). Beside that, he also collaborates with 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. Goh has been invited by various national and international agencies to deliver papers related to chemicals management and GHS. Beside that, Dr. Goh has been awarded as project leader/lead consultant for 14 research/consultancy projects. Dr. Goh is currently a trainer for the professional training courses, namely Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013, Environmentally Hazardous Substances (EHS), Chemical Safety in Laboratory, and Chemicals Management.
Encik Zamri Sahari graduated with a Degree in Chemical and Process Engineering from the Universiti Kebangsaan Malaysia. He also possessed a Diploma in Manufacturing Management (UOM) and Diploma in Science (UITM).

In 1997, he started his career as a Plant Engineer/HSE Engineer with an international company, Hexza Neste Sdn Bhd. In 2005, he left Hexza to join Nestle Manufacturing (Malaysia) Sdn Bhd as a First Line Manager/Senior HSE Executive. In 2009, he later joined F.D.Z Engineering and Consultancy as a Project HSE Officer for F.D.Z Engineering and Consultancy where he was the lead trainer for NIOSH, Federation of Malaysian Manufacturing Institute (FMM Institute), Pusat Pembangunan Kemahiran Sarawak (PPKS), CIDB, PSMB (HRDF) and many other organizations. In 2012, he joined Sapura Kencana Petroleum as Lead HSE Counsellor until 2015. Currently, he is a full time HSE Consultant and Trainer.

His capability as a trainer in HSE was publicly accredited when he was invited to present his paper titled Safety and Health Officer or Superman at the 1st Borneo Occupational Safety and Health (BOSH) on 8-9 June 2009 at Sabah and also another paper titled Public Safety And Health at the Construction Site at the “Sarawak Construction Week 2010” on 21 July 2010, at CIDB Sarawak.

In order to improve his technical skills and know how, he acquired the following competency licenses:

- Competent Safety and Health Officer (License No: 2488)
- Competent Chemical Health Risk Assessor.
- Competent Authorized Entrant/Standby Person for Confined Space.
- Competent Construction Safety and Health Officer.
- Competent Safety and Health Assessor for Construction Industries (SHASSIC).
- Competent Traffic Management Officer (TMO-JKR).
- Competent Wireman (W2877-IEU).
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)
Speakers Profile

To be updated
Associate Professor Dr. Shamsul Bahri Mohd Tamrin is an 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 grant 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.
Dr. Ng Teik Kee, Dicky
Occupational Health Doctor
BSc (Toronto), MBBS (Vellore), MHSc (Occ Medicine, Health & Safety, Perth),
Member of AOEMM

Dr. Dicky Ng aims to be a regional Wellness icon! He does this by passionately living "The ADVENTIST WELLSTYLE" (Adventist Wellness Lifestyle) – He strives to portray a delightful WELLSTYLE of good diet, exercise and spiritually-oriented positive thinking. He desires that all who come into contact with him will be attracted to the WELLSTYLE.

Dr. Dicky Ng conducts wellness health screenings, provides corporate occupational health consultancy and directs healthcare improvement programmes such as the Clinical Pathway Development. Within the community, Dr. Dicky Ng leads and develops diabetes care /support programme and currently chairs the Penang chapter of Malaysian Diabetes Association.
Speakers Biodata

To be updated
Prof Ir Dr Mohd Salman Leong is a Professor at Universiti Teknologi Malaysia (UTM), where he is the founding Director of the Institute of Noise & Vibration of UTM. He is also currently the Research Dean of the UTM’s Research Alliance for Automation, Cybernetics and Engineering (ACE) of UTM. He graduated with a B.Sc. (Mech. Eng.) 1st Class Honours from Heriot Watt University, United Kingdom in 1978, and a PhD in 1983. His PhD research was on rotordynamic instabilities in high performance turbo-machinery.

He had been working actively with the industry for more than 25 years in vibrations of fluid machinery. He had been involved with extensive consulting projects in machinery and structural vibrations, noise and acoustics in the ASEAN region. This in particular includes investigations and assignments for the petrochemical, power generation and building industry.

His current research is in the areas of machinery and structural condition monitoring and assessment, turbo-machinery blades failure diagnosis and performance monitoring.

He has published more than 110 papers in journals and conference proceedings at international and national levels.
**Prof Dr Jamal Hisham Hashim** is a research fellow and a professor of environmental health at the International Institute for Global Health, United Nations University (UNU). He was a former 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 33 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 18 research projects, and has over 310 publications and presentations to date, including 70 full articles in refereed 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.
Enquiries and Registration
Please contact Nazliza/Wani @ 04-630 2052 | call /whatsapp 0164829045
Kindly email your registration to: nazliza@fmm.org.my/norazwani@fmm.org.my/fmmpenang@fmm.org.my
CLOSING DATE 8 March 2018

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
by 9 March 2017 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.

REPLACEMENT / CANCELLATION
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.

1) Name : ____________________________________________
   Designation : ______________________________________
   Email : ____________________________________________

2) Name : ____________________________________________
   Designation : ______________________________________
   Email : ____________________________________________

3) Name : ____________________________________________
   Designation : ______________________________________
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(Attach separate list if space insufficient)

☐ Please tick (√) if you require vegetarian meal for _______ person(s)

Enclosed cheque / bank draft no.________________________ for RM _________________________________
Submitted by:

Name : ____________________________________________
   Designation: ______________________________________
   Company : _______________________________________
   Address: _______________________________________
   Tel: _________________________________ Fax : _________________________________
   E-mail : ______________________________________
   Membership Number : _________________________________