

IFE (UK) MALAYSIA BRANCH CENTENNIAL EVENTS

Young People with Fire, Reduce Risks and Save Lives



IFCEM 2018

The triennial **International Fire Conference and Exhibition Malaysia 2018** is back. This time more special in conjunction with the Centennial Celebration

IFEM-FRDM CENTENNIAL FIRE SAFETY SEMINAR

IFEM and Fire and Rescue Department Malaysia Sabah State co-hosted a one-day seminar "**Weather and Environmental Impact on Fire Safety Strategy**"

CENTENARY MOUNT KINABALU CLIMBATHON

Celebrating Institution's 100-anniversary with international climbers **summitting South East Asia Highest Peak** 4,095.2m



AT THE TOP OF MOUNT KINABALU

A year's preparation, many dedicated volunteers together with support from Fire and Rescue Department Sabah, Sabah Minister of Tourism, Culture and Environment, Sabah National Park, MORSA team, Singapore Civil Defense Force, Institutions branches, members, fire sector sponsors in making this event a great success.

INTERNATIONAL FIRE CONFERENCE AND EXHIBITION MALAYSIA (27th to 29th March 2018)

The month of March 2018 had been another busy month for the Institution of Fire Engineers (UK) Malaysia Branch where the 3rd International Fire Conference and Exhibition Malaysia (IFCEM) 2018 was held from 27th to 29th March 2018 at the Sunway Pyramid Convention Centre Kuala Lumpur.

The event was co-hosted by Fire and Rescue Department Malaysia, The Institution of Fire Engineers Malaysia Branch and Malaysian Fire Protection Association supported by Ministry of Urban Wellbeing, Housing and Local Government Malaysia, Ministry of Tourism and Culture Malaysia, Ministry of Foreign Malaysia as well as Institution of Architects Malaysia, The Institution of Engineers Malaysia, The Association of Consulting Engineers Malaysia and Human Resource Development Fund Malaysia.



The continuous transformation of the mega-cities' landscape, industrial's revolution, technological advancement, extreme climate change, complex societal threats and disorder had poises a greater fire, explosions, dangerous natural and man-made disaster. In facing these dramatic hazards that endangers human lives and civilization, consistent innovative and creative solutions are paramount to solve the incoming threats. IFCEM 2018 is another major event focusing on these issues and to deliberate the next generation of fire safety engineering, emergency response operations, disaster and crisis management, which bring together the most influential and knowledgeable scholars and professionals around the globe to Malaysia, spearheading into solutions & strategic approaches in encountering this threat.

IFCEM 2018's conference theme "**Fire Safety-Gaining the Edge**" is not purely defensive measures to protect the human kinds, it is also another forward-thinking solutions and actions that metamorphoses new generation of safety management, emergency response and disaster mitigations for the promising future of civil society. Session One explores the challenges on Fire & Rescue Operational Challenges due to changes in the operation environment, innovative construction methodology or massive natural disasters on a national scale which will require local community a part of emergency response team. Session Two focuses on Fire Safety Issues and Solutions which involve the current features of modern architectural, high rise building disaster and fire strategies for super tall building design. Session Three will elaborate on Fire Science and Technologies which including electrical causes of fire based on investigation.



IFEM-FRDM CENTENNIAL FIRE SAFETY SEMINAR, KOTA KINABALU (19th April 2018)

In conjunction with IFE's Centennial Celebration in 2018 and IFE Malaysia Branch's 21st Anniversary, IFE Malaysia Branch and Fire and Rescue Department Malaysia Sabah State co-hosted a one-day seminar "**Weather and Environmental Impact on Fire Safety Strategy**" on 19th April 2018 at the Magellan Sutera Resort, Kota Kinabalu, Sabah. The theme of this seminar is derived from many fire safety issues currently faced by construction industry around the world due to weather, environmental changes and innovation in construction industry as well as the difficulties faced by fire and rescue service due to inclement weather and environmental issues.



The Guest-of-Honour Dato' Haji Soiman bin Jahid, Deputy Director General of FRDM Operation delivered the keynote address. A total of 5 papers were presented at the seminar. At the first half of the seminar, Paper 1 - "Potential Natural Disaster Impact on Fire Certificates Premises" was delivered by SAC Hj. Nordin bin Pauzi, Sabah State Director of FRDM. Then Mr. HG Tay, IFEM Vice President presented Paper 2- "Global Warming Effect on Commercial Building Design".

On the afternoon session Paper 3 - "The Challenges of Wildland Fire Investigation" was presented by LTC Shaiful Herman of Singapore Civil Defence Force. Subsequently, Ir. Ken Fong of KS Engineering Consultant presented Paper 4 - "Earthquake Resistance Buildings". The last paper, Paper 5 was presented by Mr. Mohd Atif Bin Sholehuddin from National Institute of Occupational Safety and Health with the title "Firefighter exposure to Carbon Monoxide: Case study review".

The 21st century brings lots of modernization and improvement in our life style. But it too brings changes in climatic conditions and environment with many challenges. To cope, we need to review and improvise our fire safety strategies. Hence it is with this need that IFE and FRDM co-hosted this seminar to share with the construction industry the challenges and possible solutions. The organizing committee has gathered renowned and experienced speakers from local and abroad to present different diverse topics.

The hugely successful seminar had attracted about 500 participants comprised of government officers, fire officers, architects, engineers, building owners, builders, developers, contractors.



MOUNT KINABALU CENTENNIAL CLIMBATHON (21st to 22nd March 2018)

A year's preparation, many dedicated volunteers together with support from Fire and Rescue Department Sabah, Sabah Minister of Tourism, Culture and Environment, Sabah National Park, MORSA team, Singapore Civil Defense Force, Institutions branches, members, fire sector sponsors in making this event a great success.

FIRST DAY CLIMB

On 21st April 2018, at the starting point of the climb Timpohon Gate, climbathon participants, marshal, MOSAR Team (Mountain Search & Rescue Team) and fire officers gathered the climbathon flag-off ceremony awaiting the kickoff by YM Tengku Zainal Adlin Tengku Mahamood, Chairman of Sabah Parks. Tengku Adlin, a proud Sabahan, welcomed the climbers to his home state, showcasing Mount Kinabalu, Sabah culture, and the activities that can be done in Sabah, for all to try in the future. Ever a sporty person, Tengku Adlin put on the Centenary T-shirt presented by IFE Malaysia Branch showing the spirit of support to the Climbathon event.

At 9 am, Tengku Adlin flagged-off the Climbathon with IFEM Honorary Secretary, Mr Kai-min Lam - the centenary torch bearer led the way and head to the trails of Mount Kinabalu. The Climbathon had a total of 22 participants, consisting of 6 teams of 3 and 4 individuals. The teams were then flagged off, in 30 seconds intervals, and then followed by the individual participants. With this, the Climbathon was on the way! Along the trail, Centenary was relayed from one team to another until all climbers had a grip of the torch.



Day 1 competitions finished at the 6-kilometer mark flat ground, 3270 meters above sea level. Earlier contestants were able to unload their bags and pick their bunks in the allocated rest houses, shower, clean up and rest. The experience and view of being above the clouds and having the meal is indescribable and a memory to take home and remembered forever. It was lights out for many after dinner, as everyone prepared to wake up for the next sector of the climbathon as everyone aims to hit the summit.



SECOND DAY CLIMB

On 22nd April 2018 1.30am on day 2 of the competition, and everyone has awoken. Everyone had breakfast at 2am and by 2.45am, it was flag-off session number 2 after safety briefing by the guide. For this climb, starting at 245am in pitch darkness, climbers had equipped themselves with headlamps and light bands to light the way and give signals for organizers to know the where about of team members. hour. Some stretches changed to a bit of flatland going up and down some rocks and then returning to the steep staircase going up again. There are also three sections of rope climbing where climbers need to haul themselves up the rock face with secured rope. Finally, after a long stretch, there was clearing up into the sky where one could have a clear view of an open sky. The view of galaxies, thousands of star and occasional shooting stars will leave vivid memories long after this expedition is over.

The Climbathon culminated to an exhilarating end with the group photograph session on top of the Mount Kinabalu, highest peak of South East Asia. The historic moments were captured with climbers proudly posing with special-designed International IFE Branches country flags and Climbathon banners against the backdrop of the peak.

After the official business, team members has to return to Panablan rest house to have their deserved breakfast, pack and check out for a long descend towards the based and return to Kota Kinabalu for the Prize Reward Dinner



IFEM-PAM FIRE SAFETY SEMINAR & WORKSHOP - “CLADDING FIRE INCIDENT: WHAT WENT WRONG?” (13rd March 2018)



With the Grenfell Tower disaster, IFE Malaysia Branch and PAM (Malaysia Institute of Architects) decided to co-host a fire safety seminar/workshop on “**Cladding Fire Incident: What Went Wrong?**” to educate the practicing Architects on the actual cause of the incident and the step taken to avoid repeat of the similar incidents in Malaysia.

The seminar attracted 80 professional Architects. The seminar is design with a workshop in the afternoon for the Architects to apply the knowledge they acquired in the morning session. HG Tay and Ar. Iznny Ismail

Architect, a lecturer from MARA Technology University.

HG Tay presented several case studies around the world, the cause and impact with fire safety strategies in avoiding the same incident in their design. HG’s paper also highlighted preventive fire safety approach through risks assessment is a better option then post fire firefighting where damage and live lost is a possibility. His paper covers Building Regulations, testing standards, quality assurance of cladding system and appropriate installation procedures. Ar Iznny presented her research and findings of a religious school fire incident which took the life of 23 young boarding students including a teacher because of Illegal renovation resulting in single exit route.

Seminar participants were divided into groups for project discussion and deliberation with a presentation of proposed solutions after the workshop.



IFEM-PAM UNIVERSAL DESIGN FOR PEOPLE WITH DISABILITIES SEMINAR THEME “ FIRE SAFETY CONSIDERATION FOR UNIVERSAL DESIGN - FIRE STRATEGY FOR PERSON WITH DISABILITIES, OLDER PERSON & CHILDREN” (7th April 2018)

In line with Centennial Theme “Young People with Fire, Reduce Risks and Save Lives” Branch co-host a Fire Safety Seminar with Malaysian Institute of Architects with the theme “Fire Safety Considerations for Universal Design – Fire Strategy for Person with Disabilities, Older Persons and Children”. We meet up with Professor Dato’ Sri Ar. Dr. Asiah Abdul Rahim, a senior lecturer at the Department of Architecture in Faculty of Architecture and Environmental Design, International Islamic University Malaysia; Dr. Naziaty Mohd Yaakob, a senior lecturer in University Malaya; principle of principal of Mumtaz Architect and Ras Adibah Radzi (a celebraty/ ex-newscaster of a major local TV station) stake holders for people with disabilities.

The seminar calls upon Architects and developers to adopt Universal Design incorporating fire safety considerations for people with disabilities. Universal design emphasized not only in access and public utility facilities but should ensure safe egress for people especially children during any fire or emergencies incidents.

To cater for those with hearing impairment, two ladies for the society for the deaf was engaged ot translate all the lectures into sign languages for the audience. The historical day ended with PAM council members and IFE council members lighting up a crystal ball which officially light up PAM Headquarters building in blue light colour in conjunction with the Global Autism Awareness Month of United Nations. While red colour is for Aids campaign, Blue colour is for Autism campaign. This is a Global monthly campaign by United Nations where many prominent buildings in the world were lighted up in Blue.

