

ENGINEERING A SUSTAINABLE FUTURE

FEATURING
 × 
 ASEAN ELECTROTECHNICAL SYMPOSIUM & EXHIBITION ASEAN MECHANICAL XCELLENCE SYMPOSIUM

9 - 10 SEPTEMBER 2025
 KUALA LUMPUR CONVENTION CENTRE (KLCC), MALAYSIA



National Spotlight
**YBHG. DATO' SERI
AZMAN IBRAHIM**
 Secretary-General
 Ministry of Works, Malaysia



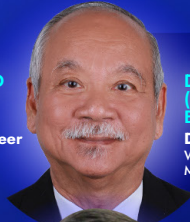
International Spotlight
MR. JO COPS
 President
 International Electrotechnical
 Commission (IEC)



Leadership Address
ER. TAN SENG CHUAN
 President-Elect
 World Federation of
 Engineering Organizations
 (WFEO)



**IR. TS. DR. MOHAMAD
ADZIZULROHIM
ABD MALEK**
 Senior Mechanical Engineer
 Public Works Department (JKR)



**DATO' PADUKA
(DR.) IR. HJ. KEIZRUL
BIN ABDULLAH**
 Director
 Wetlands International
 Malaysia



**PROFESSOR TAN SRI
DATO' IR. ACADEMICIAN
EMERITUS PROF.
DR. CHUAH HEAN TEIK**
 Past President
 The Institution of Engineers,
 Malaysia (IEM)



**IR. PROF. DR.
JEFFREY CHIANG**
 President
 The Institution of Engineers,
 Malaysia



**AR. (DR.) SERINA
HIJJAS**
 Principal
 Hijjas Kasturi Association
 Sdn Bhd



TS. TUNG CHEE KUAN
 President
 Technological Association
 Malaysia



MR. JAMES RIX
 Head of Data Centres & Industrial
 Malaysia & Indonesia,
 Jones Lang LaSalle Inc. (JLL)



DATUK IR. HO HON SANG
 President
 Real Estate and Housing Developers'
 Association (REHDA) Malaysia
 (2024–2026)

AND MORE!

WHAT TO EXPECT

DAY 1

**SUSTAINABILITY
& INNOVATION**

- ✓ Engineering Leadership
- ✓ ESG & Green Design
- ✓ Smart Technologies
- ✓ Resilient Systems

DAY 2

**PARALLEL
SYMPOSIUMS**





- ✓ Data Center Sustainability
- ✓ EV Charging
- ✓ ASEAN Perspective
- ✓ Sustainable Maintenance
- ✓ Energy-sufficient Solutions
- ✓ Smart Building Technologies

▶ GET YOUR TICKETS NOW

Held Concurrently with:

 **ENGINEER**
 An Event of 

9 > 12
 SEPT 2025
 10AM > 6PM

KLCC
 KL CONVENTION
 CENTRE, MALAYSIA

Earn
**12 BEM
CPD
HOURS**

Earn
**20 CIDB
CCD
POINTS**



Jointly Organised by:

 **IEM**
 The Institution of Engineers, Malaysia

CIS



Kuala Lumpur Engineering Forum 2025 (KLEF)

The 2nd Kuala Lumpur Engineering Forum (KLEF) is your gateway to shaping the future of engineering. Jointly organised by The Institution of Engineers, Malaysia (IEM) and C.I.S, KLEF is a powerful platform where industry leaders, policymakers, and experts unite to drive innovation and solve critical engineering challenges for a sustainable and resilient future.

KLEF 2025 will feature two high-impact symposiums on Day 2:

- **ASEAN Electrotechnical Symposium (IESE)**
A must-attend for electrical engineering professionals brought to you by the Electrical Engineering Technical Division (EETD) of IEM, shaping the future of standardisation, emerging technologies, and industry trends.
- **ASEAN Mechanical Xcellence Symposium (AMS)**
Focused on advancing Building Systems and Construction Solutions for sustainable growth, AMS is by the Mechanical Engineering Technical Division (METD) of IEM.



2

DAYS OF IMPACT

40+

VISIONARY LOCAL &
INTERNATIONAL SPEAKERS

5

TRANSFORMATIVE THEMES
DRIVING THE FUTURE





YBhg. Dato' Seri Azman Ibrahim
Secretary-General
Ministry of Works, Malaysia
National Spotlight



Er. Tan Seng Chuan
President-Elect
World Federation of Engineering
Organizations (WFEO)
Leadership Address



Ir. Prof. Dr. Jeffrey Chiang
President
The Institution of Engineers, Malaysia



Dato' Paduka (Dr.) Ir. Hj. Keizrul Bin Abdullah
Director
Wetlands International Malaysia



Professor Tan Sri Dato' Ir. Academician Emeritus Prof. Dr. Chuah Hean Teik
Past President
The Institution of Engineers, Malaysia (IEM)



Ts. Tung Chee Kuan
President
Technological Association Malaysia



Ar. (Dr.) Serina Hijjas
Principal
Hijjas Kasturi Associates Sdn Bhd



Datuk Ir. Ho Hon Sang
President
Real Estate and Housing Developers' Association (REHDA) Malaysia (2024–2026)



Prof. Ir. Dr. Wong Yew Hoong
Honorary Treasurer
The Institution of Engineers, Malaysia (IEM)



Ir. Chen Harn Shean
Honorary Secretary
The Institution of Engineers, Malaysia (IEM)



Dr. Mazlan Abbas
Chief Executive Officer
FAVORIOT



Ms. Elina Jani
Chief Executive Officer
Nextgreen Biomass



Prof Ir. Ts. Dr. Vinesh Thiruchelvam
Chief Innovation & Enterprise Officer
Asia Pacific University of
Technology & Innovation
Moderator

AND MORE!



Mr. Jo Cops
President

International Electrotechnical Commission (IEC)
International Spotlight



Ir. Lee Yuen How
Managing Director

EV Connection Sdn Bhd



Mr. Dean Cher
Managing Director

SP Mobility Pte Ltd



Ir. Alex Looi
EXCOMM

Institution of Engineers, Malaysia (IEM)
Moderator



Mr. Patrick Chan
Vice President

South Asia Uptime Institute



Mr. James Rix

Head of Data Centres & Industrial
Malaysia & Indonesia, Jones Lang LaSalle Inc. (JLL)



Ir. Ts. Maxx Wong Meng Fai

Head of Technical & Solutions
YTL Data Center



Ir. Quah Ewe Hock

Managing Director
Ampmech, IEC Expert Member for 60079



Mr. Louis Loo Kok Leong
Director

Cable Line Electrical & Engineering



Mr. Leing Chuen Fong (John)

Director Technical Solutions
Huawei Technologies (M)



Dr Siow Chun Lim

Assistant Professor
Multimedia University
Moderator



Ir Mohan Albert

Director CTO Group
ZTE Corporation
Moderator



Ir. Ts. Dr. Lau Chee Yong

Assistant Professor
School of Engineering, Asia Pacific University (APU)



Ir. Shamila

Consultant, Trainer & Auditor
Armamentarium Consulting
Moderator

AND MORE!





**Ir. Ts. Dr. Mohamad Adzizulrohim
Abd Malek**

Senior Mechanical Engineer
Public Works Department (JKR), Malaysia



Mr. Adib Aiman

Construction Manager
Turner



Mr. Syafiq Awaludin

Construction Manager
Turner



Mr. Adrian Lim Hock Heng

Chief Operating Officer (Project)
KJTS Group



Mr. Simon Leong

Chief Sustainability Officer
SCM International Property Management Sdn Bhd



Ir. Au Chong Hun

Managing Director
Primetech Engineers Sdn Bhd

AND MORE!



**Innovative Engineering Solutions for
a Sustainable and Disaster-Ready Future**

8:30 AM – 9:00 AM	Registration & Refreshments
9:00 AM – 9:05 AM	Opening Remark
9:10 AM – 9:30 AM	Session 1: Leadership Address Engineering Leadership in a Global Context: Standards, Sustainability & the Next Generation <i>Speaker: Er. Tan Seng Chuan, President-Elect, World Federation of Engineering Organizations (WFEO)</i>
9:30 AM – 9:50 AM	Session 2: Innovation Address Innovation in Engineering Solution via Education and Technology <i>Speaker: Professor Tan Sri Dato' Ir. Academician Emeritus Prof. Dr. Chuah Hean Teik Past President, The Institution of Engineers, Malaysia (IEM)</i>
9:50 AM – 10:15 AM	Session 3: National Spotlight Driving Malaysia's Construction Policy for Sustainable Infrastructure and National Resilience <i>Speaker: YBhg. Dato' Seri Azman Ibrahim, Secretary-General, Ministry of Works, Malaysia</i>
10:30 AM – 11:30 PM	Officiating Keynote Speech by Guest Of Honour Driving National Growth Through Sustainable Infrastructure and Engineering Excellence
11:30 PM – 12:15 PM	Session 4 Fireside Chat: AI-Driven Engineering for Disaster-Proof Innovations <i>Speakers</i> <i>Dr. Mazlan Abbas, Chief Executive Officer, FAVORIOT</i> <i>Mr. Wong Sik Kwang, Principal, Arup Jurunding</i> <i>Moderator: Ir. Ts. Dr. Vinesh Thiruchelvam, Provost & CEO of Asia Pacific University (APU) Dean of Engineering</i>
12:15 PM – 2:00 PM	Luncheon
2:00 PM – 3:00 PM	Session 5: Panel Discussion Ethical Engineering: Balancing Profit and Social Responsibility <i>Moderator: Ir. Ts Dr Leong Kah Hon, ESG coordinator, Institution of Engineers, Malaysia (IEM)</i> <i>Panellists</i> <i>Ar. Serina Hijjas – Director, Hijjas Architects & Planners</i> <i>Dato' Paduka (Dr.) Ir. Hj. Keizrul Bin Abdullah, Director, Wetlands International Malaysia</i> <i>Ms Elina Jani, Chief Executive Officer, GreenTech Ideaslub</i> <i>Datuk Ir. Ho Hon Sang, President Real Estate & Housing Developers' Association (REHDA) Malaysia</i>
3:00 PM – 3:30 PM	Networking break
3:30 PM – 4:15 PM	Session 6: Engineering Leaders Panel Topic: Engineers, Technologists, Technicians: What's Our Future? <i>Moderator: Ir. Razak Yakob, Vice President, Institution of Engineers, Malaysia (IEM)</i> <i>Panellists</i> <i>Ir. Prof. Dr. Jeffrey Chiang Choong Luin, President, The Institution of Engineers, Malaysia (IEM)</i> <i>Datuk Ir Ts Feroz Hanif Mohamed Ahmad, President, Malaysian Association of Engineers (MAE)</i> <i>Ts. Tung Chee Kuan, President, Technological Association Malaysia</i> <i>Association of Consulting Engineers Malaysia (ACEM)</i> <i>Malaysian Society for Engineering & Technology (MySET)</i>
4:15 PM – 5:00 PM	Session 7: IEM Townhall <i>Moderator: Ir. Alex Looi, EXCOMM, Institution of Engineers, Malaysia (IEM)</i> <i>Panellists</i> <i>Ir. Prof. Dr. Jeffrey Chiang Choong Luin, President, The Institution of Engineers, Malaysia (IEM)</i> <i>Ir. Chen Harn Shean, Honorary Secretary, The Institution of Engineers, Malaysia (IEM)</i> <i>Prof. Ir. Dr. Wong Yew Hoong, Honorary Treasurer, The Institution of Engineers, Malaysia (IEM)</i>

8.00 AM – 9.00 AM	Registration & Refreshments
9.00 AM – 9.05AM	Emcee to welcome and start proceedings <i>Muhammad Ashiq Marecan, BIM Engineer & Coordinator, CHT International</i>
9.05 AM – 9.15 AM	Speech by IEM President <i>Ir. Prof. Dr. Jeffrey Chiang Choong Luin, President, The Institution of Engineers, Malaysia (IEM)</i>
9.15 AM – 9.45 AM	Keynote Address i Engineering the Future: Evolving Standards of the Future <i>Speaker from Department of Standards Malaysia</i>
9.45 AM – 10.15 AM	Keynote Address ii Engineering the Future: Safety in Sustainable Engineering <i>Speaker from Suruhanjaya Tenaga/Energy Commission</i>
10.15 AM – 10.45 AM	International Spotlight Standardising Tomorrow: Shaping Safe, Inclusive and Sustainable Electrification Worldwide <i>Mr. Jo Cops, President of the International Electrotechnical Commission (IEC)</i>
10.45 AM – 11.15 AM	Coffee Break & Photo Session
11.15 AM – 12:00 PM	Session 1: Panel Discussion Powering the Digital Age: Innovations in Data Centre Energy Efficiency & Resilience <i>Moderator: Ir. Alex Looi, EXCOMM, Institution of Engineers, Malaysia (IEM)</i> <i>Panellists</i> <i>Mr. John Leing, Director Technical Solutions, Huawei Technologies (M)</i> <i>Mr. Patrick Chan, Vice President, South Asia, Uptime Institute</i> <i>Mr. James Rix, Head of data Centres & Industrial, Jones Lang LaSalle Inc (JLL) Malaysia & Indonesia</i> <i>Ir. Ts. Maxx Wong Meng Fai, Head of Technical & Solutions, YTL Data Center</i>
12:00 PM – 2:00 PM	Luncheon
2:00 PM – 2:15 PM	Session 2: Industry Spotlight <i>Schneider Electric (Malaysia)</i>
2:15 PM – 2:45 PM	Session 3 Engineering for Safety: Evolving Standards in Explosive Atmospheres <i>Ir. Quah Ewe Hock, Managing Director, Ampmech, IEC Expert Member for 60079</i>
2:45 PM – 3:30 PM	Session 4 Panel Discussion: Electrifying the Future: EV Charging Landscape in ASEAN <i>Moderator: Ir Mohan Albert, Director CTO Group, ZTE Corporation</i> <i>Panellists</i> <i>Speaker from Energy Commission Malaysia</i> <i>Ir. Lee Yuen How, Managing Director, EV Connection, Malaysia</i> <i>Mr. Dean Cher, Managing Director, SP Mobility, Singapore</i>
3.30 PM – 3.45 PM	Networking Break
3:45 PM – 4:15 PM	Session 5 When IEC Young Professionals Speaks... <i>Moderator: Dr Siow Chun Lim, Assistant Professor, Multimedia University</i> <i>Panellists</i> <i>Ir. Alex Looi, General Manager, Malim Consulting Engineers Sdn. Bhd., Selangor, Malaysia</i> <i>Ir. Ts. Dr. Lau Chee Yong, Assistant Professor, School of Engineering, Asia Pacific University (APU), Malaysia</i>
4:15 PM – 5:00 PM	Session 6: The Road Ahead: Advancing ASEAN's Energy Landscape <i>Moderator: Ir Shamila, Consultant, Trainer & Auditor, Armamentarium Consulting</i> <i>Dato' Ir. Razib Dawood, Executive Director – ASEAN Centre for Energy</i> <i>Followed by Dialogue/Q&A.</i>
5:00 PM – 5:10PM	Closing Remarks <i>Ir. Kwok Yew Hoe, Organising Chairman, IESE 2025</i>

Beyond Blueprints: Intelligent Building Planning & High-Performance Systems

8.00 AM – 9.00 AM	Registration & Refreshments
9.00 AM – 9.15 AM	Emcee to welcome <i>Mr. Kuugan Thangarajoo, METD Committee 2025</i>
	Opening Remarks <i>Ir. Tony Cheng Yew Leong, Organising Chairman, AMS</i>
	Welcome Speech by IEM Deputy President <i>Ir. Yau Chau Fong, Deputy President, The Institution of Engineers Malaysia (IEM)</i>
9.15 AM – 9.45 AM	Session 1: Opening Keynote Strengthening Construction Standards, Sustainable Maintenance & Innovation for Net Zero Buildings in Malaysia <i>Mohammad Faizal Bin Abdul Hamid, General Manager of Technology Development Division, Construction Industry Development Board (CIDB) Malaysia</i>
9.45 AM – 10.15 AM	Session 2: Featured Keynote Engineering Government Assets for Longevity: Life Cycle Costing in Sustainable Building Systems <i>Ir. Ts. Dr. Mohamad Adzizulrohim Abd Malek, Senior Mechanical Engineer, Public Works Department (JKR), Malaysia</i>
10.15 AM – 10.45 AM	Coffee Break
10.45 AM – 11.45 AM	Session 3: Fireside Chat: Turner Smart Execution at Scale: Managing Mega Projects with Lean Precision <i>Moderator: Mr. Kuugan Thangarajoo, METD Committee 2025</i> <i>Panelists:</i> <i>Mr Syafiq Awaludin, Construction Manager, Turner</i> <i>Mr Adib Aiman, Construction Manager, Turner</i>
12.00 PM – 2.00 PM	Networking Luncheon
2.00 PM – 2.15 PM	Session 4: Industry Spotlight <i>Midea Scott & English Electronics</i>
2.15 PM – 3.00 PM	Session 5 From Overhead to Opportunity: Integrating Energy Efficiency into Property and Facility Management <i>Mr. Simon Leong, Chief Sustainability Officer, SCM International Property Management Sdn Bhd</i>
2.45 PM – 3.30 PM	Session 6 Unlocking Hidden Efficiency with Retro-Commissioning: An Introduction to Retro-Commissioning with successful case studies <i>Ir. Au Chong Hun, Managing Director, Primetech Engineers Sdn Bhd</i>
3.30 PM – 3.45 PM	Networking break
3.45 PM – 4.00 PM	Session 7: Industry Spotlight <i>Kone Elevator (M)</i>
4.00 PM – 4.45 PM	Session 8 Delivering Sustainable Developments through Smart Energy Solutions and Innovative Project Execution <i>Mr. Adrian Lim Hock Heng, Chief Operating Officer (Project), KJTS Group</i>
4.45 PM – 5.00 PM	Closing by Emcee



KLEF + IESE/AMS 2025 Ticket Categories



TICKET TYPE

**EARLY
BIRD**

STANDARD

**2-DAY
ACCESS**
(KLEF + IESE/AMS)

RM **400** (Member)
RM **600** (Non-Member)

RM **600** (Member)
RM **800** (Non-Member)

*Early bird rates valid until 8 August 2025.
Standard rates apply afterwards.*

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