

**International Workshop on Big Data and AI  
25-28 August 2025 MIMOS Kuala Lumpur**

**Opening Address**

**By Academician Dato Ir. (Dr) Lee Yee Cheong**

# **Chinese Academy of Engineering (CAE) and Malaysia**

**CAE and Malaysia have a warm and enduring relationship**

- **CAE and Academy of Sciences Malaysia (ASM)**
- **CAE and ASEAN Academy of Engineering and Technology at UTAR**
- **The International Knowledge Centre for Engineering Sciences and Technology (IKCEST) and the International Science Technology and Innovation Centre for South-South Cooperation (ISTIC), both UNESCO Category 2 Centres**



MOU Signing between ASM President and CAE President Song Qian

**Signing MOU between CAE and ASM 1999**



**Visit to IKCEST@CAE July 2015**

# 中國工程院

Chinese Academy of Engineering



**Visit to CAE October 2023**



**MOU Signing Between CAE President Li Xiaohong and AAET President Ewe Hong Tat in UTAR Perak September 2024**

# **Chinese Academy of Engineering (CAE) and Malaysia**

**I have been the bridge between CAE and Malaysia at this end**

**At CAE end, the bridge has been Cathy Liu, IKCEST Director. She has single handedly sustained the ISTIC/IKCEST Big Data and AI Training Program. She also worked hard to get CAE/AAET cooperate in research and development in Chinese and ASEAN traditional medicine.**

**She is truly the Director for Malaysia at CAE**

**On behalf of ISTIC and AAET, I like to thank Cathy for her dedicated efforts over many years to enhance CAE/Malaysia relationship.**

**I would like to thank MIMOS who has been ISTIC's staunch partner in ISTIC/IKCEST Big Data and AI Training Program from the very beginning.**

# **Artificial Intelligence Driver of Job and Wealth Creation**

**AI is undoubtedly the main driver for job and wealth creation in the world, especially the Global South.**

**The most successful country in applying AI in every facet of life is China. AI will be the driver for China to be the biggest economy in the world in the coming decade. The foundation for China's social, economic and environmental success is her dedication and commitment in the past two decades to educate and train her people to be AI literate. AI education and literacy has been part and parcel of China's education curriculum from primary and secondary schools, colleges and universities and of China's life long learning programs in industry, finance and commerce.**

**Malaysia is fortunate to have become the Big Data Centre Hub in Asia Pacific. Malaysia can become the AI Application Hub in Asia Pacific, if Malaysia can make her people to become AI literate like China.**

**ISTIC , with Partners like AETDEW, AAET and the Institution of Engineers Malaysia etc and Partners from China like IKCEST and the Chinese Society for Education Research and Strategy etc, is making AI Literacy a priority agenda for Malaysia, ASEAN and the Global South.**



Kuala Lumpur Engineering Science Fair

# The evolutionary path of human tools - from saving physical energy to saving mental energy

人类工具的进化之路—从省力到省脑



**Speaker: Professor Han Liqun**  
(AETDEW Fellow)



**Affiliation:** former Dean of School of Information Engineering, Beijing Technology and Business University, and Vice Chairman of the 5th/6th Council of China Association for Artificial Intelligence.

Venue: Main Stage, MIECC

Date: 8/11/2024

Time: 10.30am

For Further Information, Please Contact:  
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**Kuala Lumpur Engineering Science Fair 8 November 2024**



**Roundtable with Han Liqun on AI Curriculum Guide for Schools in China at KLESF November 2024**



**ISTIC/AETDEW/Sri Bestari AI Literacy Workshop for School Teachers Kuala Lumpur June 2025**



**IEM/CRA/AETDEW Workshop on Railway Infrastructure Maintenance at IEM October 2024**

# Training Course on Sustainable Energy for Big Data Centres

24-26 May 2025 Johor Bahru Malaysia





**Training Course on Sustainable Energy for Big Data Centres 24-26 May 2025 Johor Bahru Malaysia**



**Professor Chen Haoyong of South China University of Technology Guangzhou at Southern University College Johor Bahru**

# **Ongoing Action Arising from ISTIC/AETDEW AI Literacy Program**

- **Malaysia-China AI School Teacher Exchange Program**
- **Translation of Chinese AI Literacy Education Guide Books into English for use in Global South**
- **Engaging Malaysian Industry to make ISTIC/AETDEW AI Literacy Training Courses profitable**
- **Engaging Chinese Construction Corporations in Malaysia to participate in ISTIC/AETDEW AI Literacy Program**
- **Promote implementation of relevant recommendations in UNESCO Declaration on Ethics in AI**

*Congratulations!*

**ACADEMICIAN DATO' IR  
LEE YEE CHEONG FASc**

SENIOR FELLOW  
ENGINEERING SCIENCES DISCIPLINE

FOR BEING AWARDED THE  
**BALAI IKHTISAS MALAYSIA  
(BIM) LIFETIME  
ACHIEVEMENT AWARD**



SINCERELY  
Academy of Sciences Malaysia



# **AETDEW/BIM Cooperation in AI Literacy**

**I was very fortunate to have been bestowed the BIM Lifetime Achievement Award 2025.**

**Balai Ikhtisas Malaysia BIM or Malaysia Professional Centre was set up with the assistance of the Commonwealth Foundation in the year 1973 to serve as the umbrella body for all national professional institutions and societies. The current membership includes national institutions and societies of surveyors, doctors, dentists, veterinary surgeons, pharmacists, engineers, architects, landscape architects, interior designers, town planners, building technologists, soil scientists, social scientists, scientists in materials, scientists for plastics & rubber, agriculturists, foresters, logistics, optometrists, planters and internal auditors. Malaysian Association of Social Impact Assessment (MSIA) and Association of Consulting Quantity Surveyors Malaysia (ACQSM) are an Affiliate Members.**

**I spoke to BIM President Professor Juan Joon Ching for BIM to be a partner of AETDEW in AI Literacy Program, as AI transcends all professions.**

**AETDEW President Choo Kok Beng followed up with a visit to BIM. AETDEW and BIM will sign MOU to work together to promote AI Literacy.**



**AETDEW and BIM Agree to Cooperate on AI Literacy Program**

# **Immediate Benefits of BIM Participation in AI Literacy Program**

- Participation of Malaysian Medical Association and the Institute of Medical Research in CAE/AAET Traditional Medicine Program.**
- Participation of Malaysian Institute of Architects in proposed Training Program on AI Enabled Building Design, Operation and Maintenance. AETDEW will involve Xiaomi Corporation of China in robotic applications in AI Enabled Houses, Apartments, Office Buildings, Hotels and the like.**
- Participation of Malaysian Institute of Town Planners in Training Program on Urban Transportation with the China Railway Academy of the China Railway Corporation.**

# **Closing Remarks**

**I would like to thank Cathy Liu of CAE and trainers from Xian Jiaotong University for coming all the way from China to conduct this workshop.**

**I would also like to thank MIMOS for hosting this workshop.**

**I warmly welcome XJTU and MIMOS to be partners in our AI Literate Program for Malaysia, ASEAN and the Global South.**

**Finally it gives me great pleasure to declare this International Training Workshop on Big Data and Artificial Intelligence Open**