



The Institution of Engineers, Malaysia
organised by Information And Communications Technology
Special Interest Group (ICTSIG)

PHYSICAL DIGITAL CLASS

“Creating Your New AI Workbench Harnessing LLMs for Reports, Research and Real Results”



**20th September
2025, SATURDAY**



09.30am - 11.30am



IEM MAKERS SPACE, WISMA IEM



**Limit to Physical 25
seats only**

**For speakers biodata
kindly click the QR??**

CPD HOURS : 2.0 CPD | REF NUM : IEM25/HQ/236/T (h)

Speakers Line Up

**Registration fee
IEM Member: Free
Non-Member: RM70.00**



Ir. Chai Chen Sing



**Ir. Lee Mun
Poh**



**Ir. Yasser Asrul
Ahmad**



**Ir. Chee Shai
Choon**

Synopsis

Artificial Intelligence is no longer a buzzword—it's a practical tool that professionals, researchers, and businesses can use today.

This two-hour, interactive class provides a comprehensive introduction to Large Language Models (LLMs). We begin by demystifying core concepts like tokens, context windows, and the difference between open and closed-source models. You will then gain practical experience by accessing various AI interfaces and learning essential prompting techniques through hands-on exercises. The session focuses on applying these skills to real-world scenarios, including generating reports, cleaning data, and conducting academic research. We will directly compare outputs from leading models like ChatGPT, Claude, and Gemini to understand their unique strengths. Finally, we will explore the foreseeable future of AI, discussing trends like AI agents and deeper software integration, and conclude with a Q&A.

By the end of the class, participants will not only understand the LLM landscape but also gain confidence in leveraging these tools for their professional and academic needs. This is a practical, skills-focused session designed to turn AI from an abstract concept into a powerful assistant for everyday tasks.

Register now at : www.myiem.org.my

Speakers Biodata

Ir. Chai Chen Sing With 24 years of experience in the engineering industry, Ir. Chai's experience range from consulting services and contracting in construction industry, SCADA implementation for processing plant, web application development and Internet Of Things (IOT). He is currently the principal consultant for Versoset Engineers Sdn. Bhd. and also the technical director for Mercatura, an IOT solution provider. He heads the technical development for integrated custom-made embedded system as well as web application development utilising cloud solution. Ir. Chai Chen Sing graduated from university of new south Wales, Australia in 1992

Ir. Lee Mun Poh Graduated with a bachelor of science (mechanical engineering) from the university of Sussex (UK) in 1975. He is a registered professional engineer with a practising certificate (mechanical), board of engineers, malaysia. Ir. Lee has more than 45 years working experience in the field of industrial automation and controls. He was the past chairman to IEM ICTSIG. He has completed projects in wood, electronic, electrical, chemical and automotive industries.

Ir. Dr. Yasser Asrul Ahmad holds a bachelor's degree in electrical engineering from Vanderbilt University USA, MSc from University Kebangsaan Malaysia (UKM) and PhD from International Islamic University Malaysia (IIUM). He is also a registered Professional Engineer with Practising Certificate registered with the Board of Engineers Malaysia (BEM). He started his career as a spacecraft engineer at Astronautic Technology (M) Sdn Bhd (ATSB) in 1999 where he was involved in various international satellite project collaboration such as TiungSAT-1 with Surrey Satellite Technology Limited (SSTL) UK, Small Payload Orbit Transfer Vehicle Project with AeroAstro, USA, and RazakSAT remote sensing satellite program with Satrec-i, South Korea, as well as internal studies on small GEO satellite communications and synthetic aperture radar satellite. He specialized in spacecraft transmitter and receiver, antenna system, electrical ground support equipment (EGSE) and ground station for frequencies ranging from VHF to Xband. Later he took up responsibility as a system engineer and project manager involving in satellite system engineering activities, such as satellite Assembly Integration and Test (AIT), launch and ground station ICD development, LEOP and launch campaign. After that, he joined ATM Solution Sdn Bhd a Malaysian technology partner for Agilent Technologies as a Technical Manager overseeing a team of application engineers to provide technical solutions using electronic test & measurement instruments to clients in the segment of Telecommunication, Education, Aerospace & Defense, and Government & GLC institutions. Subsequently, he pursued a career as an independent engineering consultant specializing on CubeSat development for his clients in Malaysia, Singapore and Indonesia. At the same time, he was appointed by University Selangor (UNISEL) as a Lecturer in Practise to share his working experience through teaching undergraduates at the Faculty of Engineering. He then developed an interest in academic and joined IIUM. He is also actively involved in community services where he is a corporate member of the Institution of Engineers Malaysia (IEM) and hold a position as the Chairman of ICT Special Interest Group (ICTSIG) for three session (2019-2022). In ICTSIG, activities such as talks & technical visits were organized in the area of IoT, Blockchain, AI, Green Energy, Smart Cities, 5G and programming languages. He also contributes to the country's engineering education development as an Accreditation Panel for Engineering Accreditation Council (EAC) and Engineering Technology Accreditation Council (ETAC)

Ir. Chee Shai Choon is a CPESC certified professional who leads a group of software developers in C & S Software Solutions Sdn. Bhd. which incorporated in year 2006. He is specializing in storm water where he has developed a "core msma suite" which covers all the chapters in msma 2nd edition. He has completed the whole msma2 into digital edition. He is the software developer of the infrastructure software which provided the most comprehensive civil engineering software. He has accumulated 21 years of his experience in field of IT and engineering design. His official website: www.civilstructural.com.my. Currently his company has an international collaboration with three international engineering software companies from Europe i.e. Bricsys (recommended alternative cad) Bricscad BIM, Computer Control System(Bridges)-Greece and Ingeciber, S.A(FEM) Spain. Along with his involvement on IT, he had conducted a number of talks/training in various organizations like IEM, JOS in JPS Ampang, Wawasan Professional Training Centre in KL. Talks & seminar.