



# 4<sup>th</sup> ENERGY SECURITY & CHEMICAL ENGINEERING CONGRESS 2025

PUTRAJAYA, MALAYSIA 12 – 14 AUGUST 2025

*"Towards Net-Zero: Pathways to Sustainability"*

UNIVERSITI MALAYSIA PAHANG  
AL-SULTAN ABDULLAH



## 3<sup>rd</sup> CALL FOR PAPER

We welcome the submission of abstracts in the areas of energy, chemical, environment, materials, and thermal engineering. ESChE delegate will be invited for publication in WoS and/or Scopus indexed journal or proceeding, which will be confirmed later.

ORGANIZED BY  
Fluid Centre  
**UMPSA**

PUBLISHING PARTNER



## PLENARY SPEAKER



Prof. Dr. Jolius Gimbut  
UMPSA



Syed Malek Faisal Syed Mohamad  
GENTARI

**Free  
AI  
Publication  
workshop**



Prof. Dr. Chantaraporn Phalakornkule  
King Mongkut's University of Technology  
North Bangkok

## CONGRESS SCOPE

### Chemical Engineering

- Water science
- Corrosion science
- Separation technology
- Modelling & simulation
- Environmental engineering
- Food science & technology
- Safety & health management
- Process control & optimisation
- Pharmaceutical & drug delivery
- Reaction engineering & catalysis
- Natural products & industrial crops

### Energy Security

- Oil and gas
- Heat and mass transfer
- Renewable energy & biofuels

### Fluids & Thermal Engineering

- Fluid flow
- Heat transfer
- Flow assurance in pipeline
- Computational fluids dynamics

### Sustainable Materials

- Nanotechnology
- Advanced materials
- Finite element analysis
- Materials science & engineering

## PUBLICATION

ESChE'25 will be published in Scopus-indexed publication. Check our website for up-to-date information. Special Issues:

- *Advances in Science and Technology*
- *Energy Engineering*
- *E3S Web of Conference*
- *Journal of Engineering & Technological Sciences*
- *Key Engineering Materials*
- *Lecture Note in Mechanical Engineering*

## CONGRESS FEE

ESChE'25 fee start from RM700 and discount are available. Check our website to know more.

## IMPORTANT DATES

**ESChE congress**  
12-14 August 2025

**Abstract submission**  
16 June 2025

**Acceptance**  
From 16 June 2025

**Registration**  
1 July 2025

**Full paper submission**  
From 1 July 2025

## CONTACT US

**ESChE 2025 Organizing Committee**  
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