



**EACCO<sub>2</sub>CU  
2025**

The 3<sup>rd</sup> Euro-Asia Conference  
on CO<sub>2</sub> Capture and Utilisation

**SUNWAY  
UNIVERSITY**

A CLASS ABOVE

# 3<sup>RD</sup> EUROASIA CONFERENCE ON CO<sub>2</sub> CAPTURE AND UTILISATION

28 – 30 OCTOBER 2025

SUNWAY UNIVERSITY, MALAYSIA

**12 CPD POINTS  
by BEM**

'Sustainable Solutions for CO<sub>2</sub> Reduction and Climate  
Change Mitigation through Capture and Utilisation  
Technologies'

**JOIN NOW**

## ABOUT CONFERENCE

The 3rd Euro-Asia Conference on CO<sub>2</sub> Capture and Utilisation (EACCO2CU 2025) is a premier platform uniting global researchers, industry leaders, and policymakers to share the latest advances in CO<sub>2</sub> capture and utilisation. Hosted by the Research Centre for Carbon Dioxide Capture and Utilisation (CCDCU), Sunway University, the conference focuses on innovative strategies to reduce CO<sub>2</sub> emissions and transform it into valuable products—supporting global climate goals and the transition to a low-carbon future. Join us for insightful talks, technical sessions, and collaborative discussions that drive sustainable solutions forward.

## CONFERENCE TOPICS

CO<sub>2</sub> Capture Processes | Absorption Process | Adsorption Process | Membrane Technology | Green Solvents | CO<sub>2</sub> Conversion into Fuels and Chemicals | Catalytic | Electrochemical | Photochemical | Biological | Life Cycle Analysis | Carbon Footprint | CO<sub>2</sub> Economy | Environmental and Social Aspects of Sustainable CO<sub>2</sub> Utilization

## CONFERENCE FEES

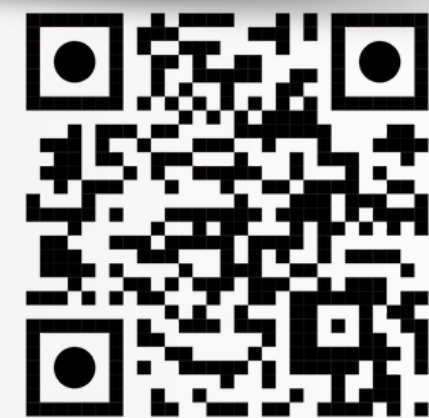
CATEGORIES	EARLY BIRD	REGULAR	LISTENER
PUBLIC/ACADEMICIAN (LOCAL)	RM900	RM1000	RM600*
PUBLIC/ACADEMICIAN (INTERNATIONAL)	USD250	USD300	USD200*
STUDENT (LOCAL)	RM600	RM700	RM300*
STUDENT (INTERNATIONAL)	USD150	USD175	USD100*

\*without dinner

## IMPORTANT DATES

Abstract Submission Deadline	<b>28 September 2025</b> <span>EXTENDED</span>
Listener registration Deadline	28 September 2025
Early Bird Payment Deadline	12 September 2025
Regular Payment Deadline	18 October 2025
Full Paper Submission Deadline	31 January 2026

## CALL FOR PAPERS



**REGISTER NOW**

## PUBLICATION

Accepted papers will be published in Special Issue in the prestigious Journal of Chemical Technology and Biotechnology (JCTB) (Impact Factor: 2.8)

Submission start 1 December 2025

SPONSORS:



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Faculty of **ENGINEERING & TECHNOLOGY**

Research Centre for **CARBON DIOXIDE CAPTURE & UTILIZATION**

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## BEST PRESENTATION AWARD!

Cash prizes for Best Presentation Award Competition



1<sup>st</sup>  
RM500



2<sup>nd</sup>  
RM300



3<sup>rd</sup>  
RM100

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## ASEAN PARTICIPANTS SPONSORSHIP

Fee waiver for best 10 abstracts submitted by students and Early Career Researchers (ECR) who obtained their PhD the latest in 2021 from selected ASEAN countries:



Malaysia



Indonesia



Thailand



Laos



Philippine



Brunei



Vietnam



Myanmar



Cambodia

## PLENARY SPEAKERS

**Professor Mercedes Maroto-Valer**  
Heriot-Watt University, Edinburgh, Scotland  
*'Developing global markets for CCUS'*



**Professor Patrick Cognet**  
INP Toulouse, France  
*'Process Intensification for CO<sub>2</sub> Capture and Storage'*



**Dr. Salim Mustafa**  
Indonesia's National Research and Innovation Agency (BRIN) Indonesia  
*'Opportunities and Challenges of Carbon Capture Research in Indonesia'*



**Professor Ir. Mo Kim Hung**  
Sunway University, Malaysia  
*'Recycled Materials as a Pathway for CO<sub>2</sub> Sequestration in Construction Materials'*



**Professor Mohamed Saafi**  
Lancaster University, UK  
*'Turning CO<sub>2</sub> into Concrete: Electrochemical Pathways to Carbon-Neutral Construction'*



**Professor Abdelbaki Benamor**  
Qatar University, Qatar  
*'Carbon Neutrality: Facts, Challenges, and the Path to a Greener Future'*



**Ir. Ts. Farahdila Binti Kadir Khan**  
PETRONAS Research Sdn. Bhd., Malaysia  
*'Challenges of CCUS (Carbon Capture, Utilisation & Storage) Technologies'*



**Ir. Ts. Noraziah Binti Muda**  
TNB Research Sdn. Bhd., Malaysia  
*'The Role of Carbon Capture, Utilisation, and Storage in Energy Transition'*



**Professor Ir. Denny Ng Kok Sum**  
Sunway University, Malaysia  
*'Potential of Decarbonization Strategies in the Palm Oil Industry'*



**Associate Professor Dr. Munawar Khalil**  
Universitas Indonesia, Indonesia  
*'Development of Low Dimensional Materials for CO<sub>2</sub> Conversions'*



**Professor Unalome Wetwatana Hartley**  
King Mongkut's University of Technology North Bangkok, Thailand  
*'Advancing CO<sub>2</sub> Utilization: From Waste to Value-Added Chemicals and Fuels'*



**Dr. Hasliza Bahruji**  
Universiti Brunei Darussalam, Brunei  
*'CO<sub>2</sub> as Feedstock for Sustainable Energy: Tackling High Carbon Emissions'*



**Associate Professor Dr. Ambedkar Balraj**  
Sri Sivasubramaniya Nadar College of Engineering, India  
*'A Cost-Effective and Environmentally Sustainable Approach to CO<sub>2</sub> Stripping and Solvent Recovery in Solvent-Based Post-Combustion CO<sub>2</sub> Capture'*



## CONTACT US

Secretariat EACCO2CU 2025  
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