



NEWS



Congratulations to Professor Wang Rong, Associate Professor Zhou Yan and Associate Professor Chong Tzyy Har on the award of Singapore - China Joint Flagship Project

Project Title: State-of-the-art nanofiltration membranes with advanced bioprocesses for next-generation wastewater management, water reclamation and resources recovery

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Congratulations to our CEE faculty members for receiving the College of Engineering Awards 2023

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Congratulation to CEE Graduating Class of 2023

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Congratulations to all CEE Awards 2023 recipients

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Congratulations to Arvin Liangdy for receiving the Outstanding Oral Presentation Award at the 10th International Water Association Membrane Technology Conference

*Presentation Title:
Process intensification in hybrid oxidation-filtration process via catalytic ceramic membrane for micropollutant removal*

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RESEARCH

Awarded Projects (Apr 2023 – Jul 2023) – Congratulations to Professors who had received research grants!

Awarded Project	Principal Investigator
Deep Generative Modelling Of Subsurface Stratigraphy From Limited Training Images And Sparse Investigation Data	Assistant Professor Shi Chao
Novel Feedstock Development From Fruit And Vegetable Waste For Mycoprotein Cultivation	Associate Professor Zhou Yan
Valorization Of Sewage Sludge Pyrolysis Gas For Solid Carbon Capture And Storage	Associate Professor Grzegorz Lisak
Organic Solvent Reverse Osmosis Membranes For Energy-Efficient Separation Of Complex Hydrocarbon Mixtures: Towards Low-Carbon Petroleum Refining	Assistant Professor She Qianhong
State-Of-The-Art Nanofiltration Membranes With Advanced Bioprocesses For Next-Generation Wastewater Management, Water Reclamation And Resources Recovery	Professor Wang Rong
Safety 4.0: AI-Driven Ship Safety Management System	Assistant Professor Yuen Kum Fai
Breaking The Bottleneck Of Traditional Coagulation/Flocculation Process With A Multi-Functional And Re-Usable Nano Coagulant For Sludge Reduction And RO Membrane Fouling Elimination	Associate Professor Sun Delai, Darren



Congratulations to Assistant Professor Yuen Kum Fai on the award of Maritime Transformation Programme (MTP) White Space Funding Support

Project Title: Safety 4.0: AI-Driven Ship Safety Management

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CONGRATULATIONS
**CEE Best PhD Thesis
&
Teaching Assistant
Awards
2023**
Recipients

Congratulations to all award winners of the CEE Best PhD Thesis Award 2023 & CEE Best Teaching Assistant Awards AY2022/23

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PAST CEE EVENTS

NTU-CEE Distinguished Seminar Series:

Breaking the Permeability-Selectivity Trade-off of Thin-Film Composite Reverse Osmosis and Nanofiltration Membranes

05 May 2023, **Professor TANG Chuyang**, The University of Hong Kong

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NTU-CEE Distinguished Seminar Series:

High Performance Membranes for Separation and Reaction

16 May 2023, **Professor KANG Li**, Imperial College London

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NTU-CEE Distinguished Seminar Series:

Sharing My Educational Approach and Outputs of Some Recent Projects

30 May 2023, **Professor KUO Chengi**, University of Strathclyde, UK

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NTU-CEE Distinguished Seminar Series:

Unlocking Value from Waste: A Decision Support Tool for Landfill Mining and Materials Recovery Projects

01 June 2023, **Professor Frederic COULON**, Cranfield University, UK

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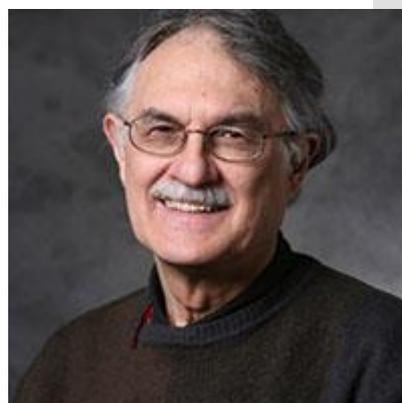


NTU-CEE Distinguished Seminar Series:

Design and Synthesis of Polymer Membranes Based on Theoretical Principles

01 June 2023, **Professor Georges BELFORT**, Rensselaer Polytechnic Institute (RPI), USA

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NTU-CEE Distinguished Seminar Series:

Prioritizing Technology Research, Development, and Deployment For a Circular Bioeconomy

11 June 2023, **Professor Jeremy S. GUEST**, University of Illinois Urbana-Champaign (UIUC), USA

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NTU-CEE Seminar Series:

Charting Sino-Southeast Asian Opportunities: Industry Trends, Economic Prospects, Talent Demands, and Policy Implications for Graduate Students

28 July 2023, **Mr. Patrick Jibin LIAO**, Co-founder & CEO of Career Executive

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