

BROWNBAG SESSION

IES-IStructE | S-WiSE | WiSER | Student Chapter Career Talk

ENGINEERS OF OUR BUILT ENVIRONMENT

JOIN US TO LEARN ABOUT THE CAREER PATHS OF OUR SPEAKERS
FROM VARIOUS ENGINEERING DISCIPLINES



Er. Ng Beow Suan
Mechanical Engineer
Executive Director, AECOM Singapore



Er. Rao Yimin
Electrical Engineer
Senior Electrical Engineer, JTC Corporation



Er. Fan Yu Ting
Civil Engineer
Assistant Manager, Shimizu Corporation



Dr. Iris Yu
Assistant Professor
National University of Singapore
Department of CEE

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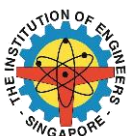


25 Oct 2023



12 – 1:30PM

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Department of Civil & Environmental Engineering
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OUR SPEAKERS



Er. Ng Beow Suan
Mechanical Engineer
Executive Director, AECOM Singapore

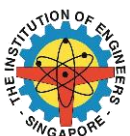
Er. Ng Beow Suan has over 20 years of working experience as an Engineer in the construction industry and has acquired relatively substantial knowledge in the building services field. She has actively taken part in a wide variety of projects such as office buildings, hotels, commercial complexes, community services centre and several retrofitting works as well as due diligence feasibility studies. The prominent projects she completed comprises of Katong Mall, JCube, Paya Lebar Square, 6 Battery Road and CapitaGreen. Since 2017, Beow Suan has been actively involved in the working Task Force Committee at SGBC and is a participating committee member in the SGBC's mechanical group till date. Upon registration as a Professional Engineer in 2012, Beow Suan continued to contribute to the industry and was conferred the ACES Young Consulting Engineer of the Year 2018. Beow Suan is also a registered ASEAN Chartered Professional Engineer and she also attained her Registered Inspector (M&E) in March 2023.



Er. Rao Yimin
Electrical Engineer
Senior Electrical Engineer, JTC Corporation

Er. Rao Yimin has more than 10 years of experience as an electrical engineer. She is involved in feasibility studies, master planning, infrastructure planning, design, tender preparation and evaluation. Er. Rao plans and conceptualises new and advanced engineering-related innovations for implementation. In her course of work, she develops new areas for change to optimise and improve building and infrastructure development and operational works. Er. Rao is active in standards development and is a member of International Electrotechnical Commission (IEC) SEG 9.

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Er. Fan Yu Ting

Civil Engineer

Assistant Manager, Shimizu Corporation

Er. Fan Yu Ting is a registered Professional Engineer with the Professional Engineers Board of Singapore, with over 8 years of experience as a civil engineer in both design and construction of a wide range of projects, including commercial, industrial and institutional developments. Upon graduating from Nanyang Technological University with Bachelor of Engineering (1st Class Hons), she has pursued further studies and was conferred Master of Science (Civil Engineering) from the National University of Singapore. Prior to her current employment, Er. Fan was an engineer at Arup Singapore Pte Ltd and Woh Hup Pte Ltd. With her vast experience in both design consultant and contractor, Er. Fan continues to actively contribute to the industry as an Assistant Manager at Shimizu Corporation, International Engineering Division.

Dr. Iris Yu

Assistant Professor

National University of Singapore

Department of CEE



Assistant Professor Iris Yu is interested in the upcycling of biomass waste, food waste in particular, to platform chemicals and sustainable materials as alternatives to petroleum-based products, with the ambition to achieve waste valorization and resource circulation. She specializes in microwave-assisted thermochemical processes, sustainable catalysis, and green solvents. She obtained her Ph.D. from the Hong Kong Polytechnic University (PolyU) in 2018. Before joining NUS, she was a Research Assistant Professor at PolyU and Humboldt Fellow at the Technical University of Munich, Germany. She actively contributes to the scientific community, serving as a Fellow of the Royal Society of Chemistry (RSC) and Editorial/Advisory Board member for scientific journals - ACS Sustainable Chemistry & Engineering, RSC Sustainability, Waste Disposal & Sustainable Energy. She was selected as a Highly Cited Researcher (Cross-Field) by Clarivate in 2022.

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