

International Conference on WASTEWATER TREATMENT TECHNOLOGIES 2025

PROGRAMME

AM Session

09:15 - 09:35	Registration
Opening & Welcome Remarks	
09:35 - 09:36	Moment of Silence
09:36 - 09:40	Opening Remarks
	Ir CHOW Kin-tak, Alice - The President of The Hong Kong Institution of Engineers
09:40 - 09:45	Keynote Speech
	Mr. MOK Wing Cheong, Ringo, JP - Director of Drainage Services
09:45 - 09:50	Screening of DSD Project Highlights Video
Session 1 Smarter Treatment Begins Here: Innovative Bioprocesses and Digital Modelling	
09:50 - 10:15	(1) Aerobic Granular Sludge (AGS) technology and net-zero wastewater treatment Prof. Mark van LOOSDRECHT - Delft University of Technology
10:15 - 10:40	(2) From modelling to digital twins in energy biotechnology and water infrastructure: Opportunities and challenges Prof. Damien BATSTONE - The University of Queensland (Australia)
10:40 - 11:00	Morning Break
11:00 - 11:25	(3) The Membrane Aerated Biofilm Reactor-the drop in Process Intensification Dr. Eoin SYRON - University College Dublin
11:25 - 11:55	Panel Discussion - Session 1 Moderator: Prof. YUAN Zhiguo - City University of Hong Kong
11:55 - 12:00	MC Wrap Up

AM Session Ends

12:00 - 13:15	Lunch
---------------	-------

PM Session

13:15 - 13:30	Registration
Session 2 From Sludge to Sustainability: Advancing Digestion and Decarbonisation	
13:30 - 13:35	Welcoming Remarks for Afternoon Sessions Ir. Lee Kwun Chung, Johnson - HKIE Civil Division Chairman
13:35 - 14:00	(1) Application of AGS Technology and its Practice in China Dr. BAI Yu - Beijing Drainage Group., Ltd
14:00 - 14:25	(2) Developments in the Treatment and Utilisation of Sewage Sludge in Europe Prof. Max DOHMANN - RWTH Aachen University
14:25 - 14:50	(3) Micro-aerobic digestion – a face-lift to traditional anaerobic digestion processes with minimum plant upgrading cost Mr. Bart KRAAKMAN - Jacobs Consultant
14:50 - 15:20	Panel Discussion - Session 2 Moderator: Prof. POON Chi sun - The Hong Kong Institution of Engineers Civil Division
15:20 - 15:35	Afternoon Break
Session 3 Optimizing Operations: Resource Recovery and Plant Performance	
15:35 - 16:00	(1) Resource Recovery from Used Water Prof. ZHOU Yan - Nanyang Technological University
16:00 - 16:25	(2) Optimizing Operations: Resource Recovery and Plant Performance Ir. Mohd Taufik SALLEH - Indah Water Konsortium
16:25 - 16:50	(3) Leveraging Microbial and Sustainable Technologies to Optimize Wastewater Treatment Performance in Hong Kong Ir. PUN Siu Kit, Suki - Drainage Services Department, Hong Kong SAR Government
16:50 - 17:20	Panel Discussion - Session 3 Moderator: Prof. LI Xiangdong - Hong Kong Polytechnic University
17:20 - 17:25	Closing Remarks Ms. LAI Wai Kwan, Sussana - Assistant Director/Electrical & Mechanical, DSD

PM Session Ends

10 December 2025

Local visits to the Drainage Services Department's wastewater treatment facilities
(Due to limited capacity, visits are open to selected registered participants only.)