

Special Symposium “Research Frontier of Water Treatment in Aseania”

Monday July 13, 1:40 PM

Room: Topaz

Chair

Mitsuru Higa, Yamaguchi University, Japan

1:40 PM

Recent advances in membrane bioreactor technology for wastewater treatment in China

Xia Huang

Department of Environmental Science & Engineering, Tshinghua University, China

2:10 PM

Title: Mechanism and control of membrane fouling in water and wastewater treatment

Yoshimasa Watanabe

Center for Environmental Nano and Bio Engineering in Hokkaido University, Japan

Chair

Juin-Yih Lai, Chung Yuan University, Taiwan

2:40 PM

Degradation of Reactive Black 5 dye—from activated sludge to hybrid photochemical membrane bioreactor

Sheng-Jie You

Department of Bioenvironmental Engineering and R&D Center for Membrane Technology, Chung yuan Christian University, Taiwan

Special Symposium “Research Frontier of Water Treatment in Aseania”

Monday July 13, 3:30 PM

Room: Topaz

Chair

Eiji Iritani, Nagoya University, Japan

3:30 PM

Emerging Membrane Technologies for Water Reuses and Desalination: Membrane Distillation and Forward Osmosis

Tai-Shung Chung

Department of Chemical and Biomolecular Engineering, National University of Singapore, Singapore

4:00 PM

Membrane technology renaissance for water and wastewater treatment in Korea

Soo Hong Noh

The School of Environmental Engineering, Yonsei University, Korea