



Two-Day Intensive Workshop for ‘Membrane-based Sustainable Water Treatment’

Date: 20 ~ 21 December 2018

Venue: LT 4, Yeung Kin Man Academic Building (AC1), City University of Hong Kong

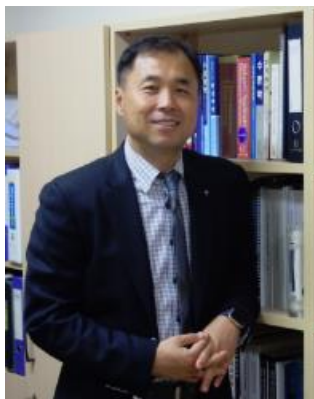
This two-day intensive workshop is intended to provide a platform for thoroughly addressing recent advances and challenges in membrane-based water treatment technology, from theory to practice, with a special focus on sustainable water treatment in Hong Kong and South Korea. It is further dedicated to creating a stage for exchanging the latest research results and sharing the advanced technologies necessary for securing sustainable water resources. Topics to be discussed include, but are not limited to: Reverse osmosis, Forward osmosis, Membrane distillation, Micropollutants, and Seawater pretreatment.



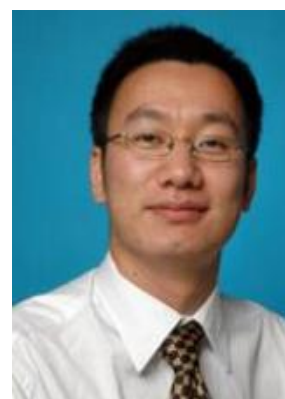
Dr. Alicia Kyoungjin AN
School of Energy and Environment
City University of Hong Kong

能源及環境學院
**SCHOOL OF ENERGY
AND ENVIRONMENT**

Plenary speakers



Prof. Am JANG
School of Civil and Architectural Engineering
& Graduate School of Water Resources
SungKyunKwan University
South Korea



Prof. Chuyang Y. TANG
Professor (Environmental Engineering)
Department of Civil Engineering
University of Hong Kong
Hong Kong

Program Day 1 (20 December 2018)

Time	Contents	Instructor
09:30 ~ 10:00	Opening ceremony	
10:00 ~ 11:00	Forward Osmosis: current research in Korea	Prof. Am JANG (SKKU)
11:00 ~ 12:00	Reverse osmosis: current and future research	Prof. Chuyang TANG (HKU)
12:00 ~ 14:00	Lunch (City Chinese Restaurant, 8/F, Bank of China (HK) Complex)	
14:00 ~ 14:30	Sustainable seawater pretreatment	Dr. Sanghyun JEONG (SKKU)
14:30 ~ 15:00	Water and Wastewater treatment by membrane distillation and novel membrane fabrication via electrospinning	Dr. Jiaxin GUO (CITYU)
	Break	
15:15 ~ 15:45	Application of detecting micropollutants in water using an environmental sensor	Dr. Yong-Gu LEE (SKKU)
15:45 ~ 16:15	Low-cost membrane, compact sewage treatment	Dr. Wu DI (HKUST)
16:15 ~ 16:45	Effects of microalgae in coulum sources on nutrients removal performance	Dr. Dawoon JEONG (SKKU)
16:45 ~ 17:15	Round-table Discussion	
	Closing ceremony	

Program Day 2 (21 December 2018)

13:00 ~ 17:00	Lab tour and technology demonstration by Dr. Alicia AN	
17:00 ~ 19:00	Networking	