

Programme Agenda

20 August 2019, Harbin, Heilongjiang, China

Chair: Prof Jun Ma, *Harbin Institute of Technology* and Prof Honggang Fu, *Heilongjiang University*

Time	Event	Session Chair
09:00	Introduction and welcome	Jun Ma
09:20	Nanotechnology Enabled Water Sensing Peter J. Vikesland, <i>Virginia Tech</i> , USA	
10:00	Royal Society of Chemistry – Supporting the Chemical Science Community in Tackling Global Challenges Simon Neil, <i>Royal Society of Chemistry</i>	
10:20	Coffee Break and Group Photo	
10:50	Identification of Complex septic Odorants in Huangpu River Source Water by Coupling Gas Chromatography-olfactometry with Comprehensive Two-dimensional Gas Chromatography Min Yang, <i>Research Center for Eco-Environmental Sciences, CAS, China</i>	Xia Huang
11:30	SUEZ's Industrial Innovations Addressing Water Safety Challenges Tao Wang, <i>SUEZ Water Technologies and Solutions, China</i>	
12:10	Lunch	
13:30	Progress, Development and Challenges of Membrane-based Wastewater Treatment and Resource Recovery Xia Huang, <i>School of Environment, Tsinghua University, China</i>	Min Yang
14:10	Integrating Membrane Filtration with Advanced Oxidation Processes for Water/Wastewater Treatment Xie Quan, <i>School of Environmental Science & Technology, Dalian University of Technology, China</i>	
14:50	Microbial Electrochemistry Process for Pollutants Conversion, Energy Recovery and In-situ Use Yujie Feng, <i>School of Environment, Harbin Institute of Technology, China</i>	
15:30	Coffee Break	
15:50	Paper-Origami Device Enabling Low-Cost and Rapid Monitoring of Water Quality Zhugen Yang, <i>Cranfield Water Science Institute, Cranfield University, UK</i>	Jun Ma
16:20	Carrier-Modulated Strategies for Efficient Photocatalysis to Purify Polluted Water with Energy Recovery Liqiang Jing, <i>School of Chemistry and Materials Science, Heilongjiang University, China</i>	
16:50	Panel Discussion	
17:30	Close	