5 Jul	
16.00 - 18.00	Lab Tour SIAS
18.00 - 20.30	Welcome Dinner
6 Jul	
09.00 - 09.10	**Kun Luo**, Zhejiang University, China: *Opening*
09.10 - 09.40	**Alfredo Soldati**, Technischen Universität Wien, Austria *Breakage, coalescence, size distribution and heat transfer from drops in turbulence*
09.40 - 10.10	**Francesco Picano**, University of Padova, Italy *Direct Numerical Simulation with Immersed-Boundary Methods applied to environmental multiphase flow physics*
10.10 - 10.40	**Rodney O. Fox**, Iowa State University, US *Kinetic-Based, multiscale Eulerian models for polydisperse multiphase flows*
10.40 - 11.00	Coffee break
11.00 - 11.30	**Qiang Zhou**, Xi'an Jiaotong University, China *Meso-scale drag model considering surrounding information in gas-solid flows*
11.30 - 12.00	**Kaihong Luo**, University College London, UK *A unified Lattice Boltzmann model framework for multiphase flow simulation and application in sustainable engineering*
12.00 - 13.30	Lunch
13.30 - 14.00	**Mikio Sakai**, The University of Tokyo, Japan *Recent progress on the discrete element method simulations towards realization of digital twins*
14.00 - 14.30	**Yurong He**, Harbin Institute of Technology, China *Regulation on characteristics of micro-nano composite structures and applications on photothermal conversion*
14.30 - 15.00	**Wei Ge**, Institute of Process Engineering, Chinese Academy of Sciences, China *Trans-level multi-scale simulation of multiphase systems: from reactions to reactors*
15.00 - 15.20	Coffee break
15.20 - 15.50	**Yali Tang**, Eindhoven University of Technology, the Netherland *Multiphase flow challenges in regeneration of iron fuel*
15.50 - 16.10	**Sivaramakrishnan Balachandar**, University of Florida, US *A statistical approach for fast and reliable prediction of room-scale airborne viral contagion*
16.10 - 16.40	**Man Yeong Ha**, Pusan National University, Korea *Numerical methodology development based on the multiphase flow model for rapid simulation of frost formation and its application*
16.40 - 17.10	To be confirmed
18.00	Dinner