

Sunday, 3 July 2016

	Faculty Research Building 1 Hall
9:00-11:30	Registration and Reception
14:00-17:00	
17:00-18:00	
18:00-21:00	

Monday, 4 July 2016

	Faculty Research Building 1 Conference Hall	
9:00-9:40	Opening Ceremony	
9:40-10:10	Conference photo	
10:10-11:00	Key note (Chair: Xiaowen Shan) David A Weitz (P.22) <i>Experimental Questions for Fluid Dynamic Simulations</i>	
11:10-11:30	Tea Break	
11:30-12:00	invited Presentation (Chair: Xiaowen Shan) Chang Shu (P.27) <i>Lattice Boltzmann Flux Solver and Its Applications</i>	
12:00-14:00	Lunch: Buffet in Guest House	
	Library 110 Conference Hall (I)	Library 111 Conference Hall (II)
14:00-14:30		
14:30-15:00	invited Presentation (Chair: Zhihui Li) Ilya Karlin <i>Drops bouncing off marcotextured superhydrophobic surfaces</i>	
15:00-15:20	Tea Break	
15:20-15:40	LBM-Method 1 (Chair: Zhihui Li) Mohamed Mahdi Tekitek (P.86) <i>Curious convergence properties of lattice Boltzmann schemes for diffusion with acoustic scaling</i>	LBM-Application (Chair:Paul Dellar) MingFang Zhu (P.70) <i>Applications of the lattice Boltzmann method in the simulation of microstructure evolution during alloy solidification</i>
15:40-16:00	Andreas Krämer (P.82) <i>Two approaches to enlarge the time step in off-lattice Boltzmann simulations: implicit integration and semi-Lagrangian streaming</i>	Haibo Huang (P.69) <i>Interactions between two tandem flexible loops in a uniform flow</i>
16:00-16:20	Surya Narayana Murthy (P.77) <i>Lattice Boltzmann Method for Wave Propagation in Elastic Solids</i>	Gaojie Liu (P.115) <i>Lattice Boltzmann modeling of the convective mixing in CO2 sequestration in saline aquifers</i>
16:20-16:40	Rui Du (P.53) <i>Lattice Boltzmann method for sub-diffusion equation in Caputo sense</i>	Hong Liang, Zhenhua Chai, Baochang Shi (P.48) <i>Lattice Boltzmann simulation of ternary fluid flows in contact with solid</i>
16:40-17:00	Qin Lou and Zhaoli Guo(P.52) <i>Wetting boundary conditions in an improved lattice Boltzmann method for nonideal gases</i>	Yang Lu (P.44) <i>LBM-based numerical simulations of fluid-structure interaction in viscoelastic flow</i>
17:00-17:20	Yangyu Guo, Moran Wang(P.46) <i>Phonon transport modeling by lattice Boltzmann method</i>	Chenqiang Zang (P.66) <i>Lattice Boltzmann model for gas-water two-phase flows in cavity</i>