

# Thursday, 7 July 2016

	Library 110 Conference Hall ( I )	Library 111 Conference Hall ( II )
9:00-9:30	<b>invited Presentation</b> (Chair: Itai Einav ) <b>Alejandro Garcia (P.23)</b> <i>How I Broke DSMC</i>	
9:30-10:00	<b>invited Presentation</b> (Chair: Itai Einav ) <b>Santosh Ansumali (P.31)</b> <i>Crystallographic lattice Boltzmann models</i>	
10:00-10:30		
10:30-10:50	Tea Break	
10:50-11:10	<b>LBM-Method 3</b> (Chair: Zhaoli Guo) <b>Jose Daniel Munoz (P.73)</b> <i>Lattice Boltzmann Model for Electromagnetic Potentials</i>	<b>Other</b> (chair : Alejandro Garcia ) <b>Guowei Xiao (P.83)</b> <i>Liquid Fuel Evaporation under Supercritical Conditions</i>
11:10-11:30	<b>Qing Chen (P.108)</b> <i>An accurate boundary treatment for electro-osmotic flow by lattice Boltzmann method</i>	<b>Lin Zheng (P.72)</b> <i>Thermocapillary convection of one/two-layers incompressible flow in rectangular cavity</i>
11:30-11:50	<b>Praveen Kumar Kolluru (P.81)</b> <i>Higher order crystallographic lattice Boltzmann models</i>	<b>ZeRui Peng (P.71)</b> <i>Hydrodynamic advantage of fish in schools</i>
11:50-12:10	<b>Milind Dhake (P.78)</b> <i>Crystallographic lattice Boltzmann simulations for airfoils</i>	<b>Federico Toschi (P.68)</b> <i>Earthquakes in soft-glassy materials</i>
12:10-14:00	Lunch: Buffet in Guest House	
14:00-14:30	<b>GPUs Renovating Computing (P.116)</b>	
14:30-14:50	<b>Particles</b> (Chair: Zhaoli Guo) <b>Itai Einav (P.25)</b> <i>Vortex-like motions and enhanced thermal properties of dense granular media</i>	<b>Other</b> (Chair : Klaus Regenauer Lieb ) <b>Dennis Hessling (P.60)</b> <i>Diffusion based evaporation in a system with multicomponent interactions</i>
14:50-15:10	<b>Xiaolong Deng (P.97)</b> <i>Numerical study of initial-stage shock-particle cloud interaction</i>	<b>Chunyu Jin (P.42)</b> <i>Statistical characterization of heterogeneous flow fields confined to random porous media</i>
15:10-15:30	<b>Mathias J. Krause (P.35)</b> <i>Homogenised Lattice Boltzmann Method for Particulate Flow Simulations</i>	<b>Jianguo Zheng (P.92)</b> <i>Simulation of Flow Separation Control Over An Airfoil with Nanosecond Pulsed Plasma Actuator</i>
15:30-15:50	<b>Moubin Liu (P.111)</b> <i>Particle-based modeling of fluid-fiber interactions</i>	
15:50-16:10	Tea Break	
16:10-16:30	<b>LBM-Application</b> (Chair :Timm Kruger ) <b>Yuan Gao (P.112)</b> <i>Three-dimension multi-relaxation time lattice Boltzmann model for the liquid transport in micro porous layer and gas diffusion layer of PEMFC</i>	<b>Drops</b> (Chair : Itai Einav ) <b>Qing Li (P.65)</b> <i>Stick-slip-jump behavior during droplet evaporation/condensation on chemically patterned surfaces</i>
16:30-16:50	<b>Matteo Lulli (P.34)</b> <i>Live detection of plastic events in Lattice Boltzmann emulsions</i>	<b>Tun Wang (P.57)</b> <i>Numerical simulations on impact of moving shock wave on a liquid droplet</i>
16:50-17:10	<b>Yanqing Shangguan(P.109)</b> <i>Further investigation on the mixing mechanism of single-jet film coolingbased on hybrid thermal lattice Boltzmann method</i>	<b>Pieter Berghout (P.37)</b> <i>Multiphase multicomponent modeling of pendent droplet formation</i>
17:10-17:30	<b>Hefang Jing (P.110)</b> <i>Numerical Study of open channel flow with vegetation by the lattice Boltzmann method</i>	<b>Gianluca Laghezza(P.45)</b> <i>Comparison of Lattice Boltzmann simulation of droplet evaporation and experiments</i>
17:30-17:50	<b>Suzuki kosuke(P.87)</b> <i>Immersed boundary-lattice Boltzmann simulations for aerodynamic performance of a butterfly-like flapping wing-body model with various wing planforms</i>	
17:50	Dinner: Buffet in Guest House	