The Hong Kong University of Science and Technology

Department of Mathematics and Croucher Lab

A Half-Day Workshop in Applied and Computational Mathematics

2:00-2:35pm   **Prof. Xinfu Chen, University of Pittsburg**
Uniqueness of Traveling Waves

2:35-3:10pm   **Prof. Yana DI, Institute of Computational Mathematics, CAS**
Theoretical Analysis for Capillary Rise between a Flexible Film and a Solid Wall

3:10-3:30pm   **Coffee Break****

3:30-4:05pm   **Ruo Li, Peking University**
Finding 13-Moment System Beyond Grad

4:05-4:40pm   **Rongliang Chen, Shenzhen Institutes of Advanced Technology, CAS**
A scalable domain decomposition method for simulation of 3D complex flows

4:40-5:15pm   **Jizu Huang, Institute of Computational Mathematics, CAS**
A lattice Boltzmann model for two-phase flows on rough surface

Date: *5 July 2016, Tuesday*

Venue: *Room 5508, Academic Building (near lifts 25&26), HKUST*

All are welcome!

**Please note that the coffee break is held at Room 3493