



自然科学研究院

Institute of Natural Sciences

The 5th Workshop of Soft Condensed Matter Physics

OCTOBER 21-23 2016

Lecture Hall, Math Building,

Minhang Campus, Shanghai Jiao Tong University



INSTITUTE OF NATURAL SCIENCES

MINHANG CAMPUS, SHANGHAI JIAO TONG UNIVERSITY

The 5th Workshop of Soft Condensed Matter Physics

Introduction

The 5th Workshop of Soft Condensed Matter Physics will be held at Minhang Campus of Shanghai Jiao Tong University in China on October 21-23, 2016. The aim of this workshop is to discuss the structure, dynamics, and phase transitions of soft matter, including colloids, granular matter, biological systems, and polymers, etc. This workshop will provide a platform for young scholars' discussion and communication, and will enhance the cooperation among the scholars in soft condensed matter physics field.

Date

October 21-23, 2016

Venue

Lecture Hall, Math Building, Minhang Campus, Shanghai Jiao Tong University

Organizers

Jie Zhang (Shanghai Jiao Tong University)

Liang Hong (Shanghai Jiao Tong University)

Workshop Schedule

Day 1 (Oct 21, 2016)

18:00 - 18:30	Registration
18:30	Dinner

08:00 - 08:25	Registration	
08:25 - 08:30	Opening Remarks	
Session A, Chair: Ning Xu		
08:30 - 08:50	基于五轴对称性和四面体结构分析非晶序的异同	Yujie Wang
08:50 - 09:10	Self-assembly of Quasicrystals in Simple Soft-core Systems	Mengjie Zu
09:10 - 09:30	Shape dependent ordered complex structures and their rearrangements in granular systems	Hongchuan Shen
09:30 - 10:00	Poster & Coffee break	
Session B, Chair: Hepeng Zhang		
10:00 - 10:20	运用氙化和相干中子散射揭示蛋白质玻璃化转变的新机理	Liang Hong
10:20 - 10:40	Dynamic Spreading Patterns of Multi-Cellular Tumor Spheroids by a PIP-platin Drug	Dandan Chen
10:40 - 11:00	Bimetallic microswimmers speed up in confining channels	Chang Liu
11:00 - 11:20	粘液菌中网络结构的生成与优化	Yuankai Lu
11:20 - 11:30	Group Photo	
11:30 - 13:00	Lunch	
13:00 - 14:30	Poster	
Session C, Chair: Kang Chen		
14:30 - 14:50	Motion of active catalytic colloid near a boundary wall	Mingcheng Yang
14:50 - 15:10	自驱动胶体粒子的集体行为	Shiqing Lu
15:10 - 15:30	Micro-rotor of chain-grafted colloids in the active bath	Huishu Li
15:30 - 15:50	水汽界面附近胶体颗粒的关联扩散	Na Li
15:50 - 16:20	Poster & Coffee break	
Session D, Chair: Ke Chen		
16:20 - 16:40	软物质热性质及其应用：“环境温差中零能耗保温”	Jiping Huang
16:40 - 17:00	Charge renormalization within and beyond Poisson-Boltzmann	Xiangjun Xing
17:00 - 17:20	准二维二元复杂等离子体中的慢动力学	Chenran Du
17:20 - 17:40	水平滚筒中颗粒系统过渡状态的实验研究	Ran Li
18:30	Dinner	

Session E, Chair: Zexin Zhang

08:30 - 08:50	Visualizing kinetics of grain boundary evolution in colloidal crystallization	Peng Tan
08:50 - 09:10	Evaporation-induced failure of hydrophobicity	Hao Luo
09:10 - 09:30	PAMAM G2 Dendrimer and G-actin Interactions Studied by Computational Simulation	Zhuanglin Chen
09:30 - 09:50	形状可变胶体的制备与聚集态结构	Huaguang Wang
09:50 - 10:20	Poster & Coffee break	

Session F, Chair: Yujie Wang

10:20 - 10:40	基于DEM的竖直振动管中颗粒物质毛细上升研究	Fengxian Fan
10:40 - 11:00	颗粒流非接触测量方法研究	Hui Yang
11:00 - 11:20	Experimental studies of vibrational modes in a 2D amorphous solid	Ling Zhang
11:30 - 13:00	Lunch	
After 13:00	Discussion & Departure	

Contact Us

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Administrative Support

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