Soft and Granular Matter in Ambient and Extreme Conditions 2016

Chansha, Hunan

August 22 – 25, 2016

Particulate systems, such as granular matter and colloidal suspensions, form a significant part of soft matter. The main aim with this workshop is to bring together experienced and young researchers, from NUDT and abroad, in order to initiate discussions and collaborations, both in China and internationally. A new Centre for the Science of Granular Matter (CSGM) is being set up in NUDT, which will be the focus of such collaborations. One of the main attractions for collaborations is access to the currently fastest supercomputer in the world, the Tianhe-2, which was developed in NUDT and is located in Guangzhou. Collaborations on numerical projects in the field of soft matter, which require the use of the Tianhe-2, are greatly encouraged. Beyond the formidable computational capabilities, NUDT have extensive experimental facilities, which are also available to potential collaborations.

Organizing Committee

Prof. Rafi Blumenfeld (拉斐尔)
Prof. Zengxiu Zhao (赵增秀)
Dr. Xianwen Shannon Ran (冉宪文)
Ms. Yanan Zhou (周亚男)

Contacts

Dr. Ran Xianwen ranxianwen@163.com +86 135-7415-1246

Ms. Yanan Zhou, yananzhou118@hotmail.com +86 138-7581-9230

Invited Speakers

Prof. **Masao Doi**	Beihang University, Beijing
Prof. **Hans Herrmann**	ETH, Zurich
Prof. **Meiying Hou**	Chinese Academy of Science, Beijing
Prof. **Caishan Liu**	Peking University, Beijing
Prof. **Wolfgang Losert**	University of Maryland, Baltimore
Prof. **Stefan Luding**	Twente University, Twente
Prof. **Zhong Chan Ou-Yang**	Chinese Academy of Science, Beijing
Dr. **Bill Proud**	Imperial College, London
Dr. **Jiansheng Xiang**	Imperial College, London
Prof. **Jie Zhang**	Jiao Tong University, Shanghai
Prof. **Rafi Blumenfeld**	NUDT, Changsha & Imperial College, London

Accommodation

HuaYue Hotel (华悦大酒店)

- Website: http://www.hyh.net.cn/
- Address: No.2 section1 middle of FuRong Road, Changsha, China

  地址：湖南省长沙芙蓉中路一段 2 号
- Tel: 0086-0731-84815888

  酒店电话：0731-84815888
- Standard room price:￥268-￥328 per night.

  标准间会议协议价：￥288-￥328/晚.
- Breakfast: 7:30-9:30, Buffet, Second Floor

  早餐时间：7:30-9:30，自助餐，二楼餐厅
- Lunch: 12:00-13:00, Third Floor

  中餐时间: 12:00-13:00，统一就餐，三楼餐厅
- Dinner: 18:00-19:00, Third Floor

  晚餐时间: 18:00-19:00，统一就餐，三楼餐厅

About the College of Science, NUDT

The college of science NUDT is mainly engaged in science teaching and research. It consists of: department of mathematics and systems science, department of physics, department of chemistry and biology, and institute of engineering physics. There are 7 distinguished professors, 38 professors and 76 associate professors in the college at present.

There are 5 PhD degree programs: Mathematics, Physics, Biomedical Engineering, System Analysis and Integration, Engineering Mechanics in the college. Additionally, there are 17 master degree programs within the disciplines of science and engineering. Among these degree programs, the Atomic and Molecular Physics is a national key discipline. Mathematics, Physics, System Science, Biomedical Engineering and Engineering Mechanics are key disciplines of Hunan province. The Information Physics Laboratory is titled as the Hunan Provincial Key Laboratory. A new Interdisciplinary Institute is currently being developed, consisting of quantum, biology and network sciences.

About Changsha

Due to its unique geographical location and history, Changsha is a tourism centre. The city is surrounded by the beautiful mountains of Yuelu, Dawei and Weishan, and through it flow the rivers Xiangjiang and Liuyang. The Juzizhou scenic spot in the city is regarded as one of the eight most charming places in Hunan, attracting many domestic and overseas visitors.

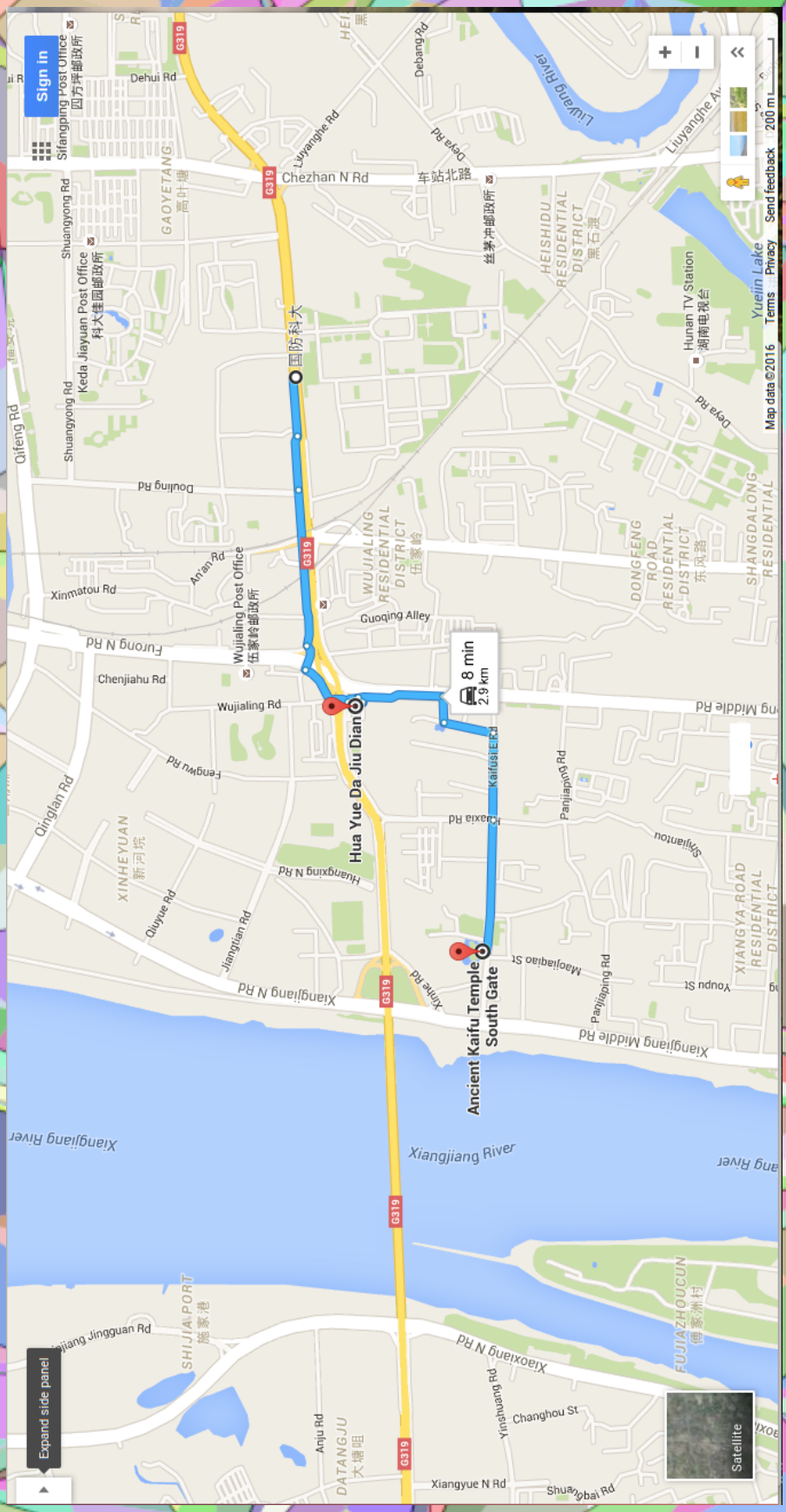
Changsha is the political, economic, scientific, technological, educational, cultural and transportation centre of Hunan. It is a large city, occupying 11,800 sq. km. With a population of 5.63 million, Changsha is among the first group of Chinese cities which were selected as famous historical and cultural cities allowed to open up to the outside world. As a result, it has become an important city in central China, enjoying a fast economic growth and immense vitality.

A cradle of the ancient Chu and Xiang civilizations rooted in central China, Changsha was the hometown of many great figures in both ancient and modern Chinese history, including Qu Yuan, Jia Yi, Zhu Xi, Zeng Guofan, Mao Zedong and Liu shaoqi. The city boasts countless discoveries of historical and cultural values. For example, unearthed here was the world-famous Mawangdui Tomb of the Han Dynasty, where a 2,000 years old female mummy and her jewelry were discovered. Recently, 170,000 bamboo sticks, which were used for printing books, were found in an ancient tomb in Changsha. This discovery, dating back to the period between 220 and 280 AD, is regarded as one of the most important archaeological discoveries in China to date. Changsha is also famous for being the home of Yuelu Shuyuan academic institution, which was established about 1,000 years ago.

Kaifu Temple

The KaiFu Temple is located on the Kaifu Temple Road of KauFu area, Changsha city. It is one of the country's famous Buddhist temples. The present temple floor space is approximately 16,000 square meters. There are three Buddhist temple halls, the first is the Three Saints Hall, the second is the Buddhist temple hall (named the Grand Precious Hall) and the third is the PiLu hall. On the east side are the reception room, the abstinence hall, the storehouse and the abbot room; on the west side are the parlance hall, the Buddhist room and so on. The Grand Precious Hall was repaired in 1923, the summit and the keel assumes the dragon and phoenix decoration, the four corners were hung with copper bell. The bell sound is clear whenever there is wind. There is the treasured vase and the law wheel in the keel. The mountain gate was written with "the ancient Kaifu temple" and the stone couplet "the purple tree roosts the phoenix, the blue wave hidden the dragon". In the temple is stele of Kangxi, Guangxu in Qing Dynasty.

MAP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Liuyang River
Yuelin Lake
Hunan TV Station
Qifeng Rd
Shuangyong Rd
Keda Jiayuan Post Office
Douling Rd
An'an Rd
Xinmatou Rd
Wujialing Post Office
Guoqing Alley
Furong N Rd
Chenjiahu Rd
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Fengwu Rd
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Shijiantou
Huangxing N Rd
Qiuyue Rd
Jiangtian Rd
Xinhe Rd
Ancient Kaifu Temple
South Gate
Maojiaqiao St
Panjiaqing Rd
Youqu St
Xiangjiang N Rd
Xiangjiang Middle Rd
Xiangjiang River
Jingguan Rd
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