

Dear Attendees,

Welcome to The 1st International Granular Flow Workshop, 2016! Please read the following notification carefully.

Best wishes for your trip in The 1st International Granular Flow Workshop, 2016.

## 1. Title

**The 1st International Granular Flow Workshop, 2016**

## 2. Location and Duration

**Registration** 2016/9/2 9:00-20:00

**Duration** 2016/9/3-2016/9/4

**Location** Lanzhou, Gansu, China

## 3. Organizers

Institute of Physics, CAS

Institute of Modern Physics, CAS

Northwest Normal University

## 4. Agenda

- **Registration: Main hall, Guotai Anning Hotel 1<sup>st</sup> floor**
- **Workshop: Guotai Anning Hotel 3<sup>rd</sup> floor**

Date	Time ( Beijing Time )	Program
Sept.2 Friday	9:00-20:00	Registration (Main hall, Guotai Anning Hotel 1st floor)
Sept.3 Saturday	<b>Morning</b>	<b>Opening</b>
	08:00	Gather at the lobby of Guotai Anning Hotel 1st floor
	08:00~09:15	Take bus to the Institute of Modern Physics, CAS
	09:15~09:30	Welcoming and opening speech
	09:30~10:30	<b>Title :</b> Physics and challenges in dense granular-flow target <b>Speaker :</b> Lei Yang, Institute of Modern Physics, CAS
	10:30~10:35	Photo
	10:35~12:00	Visit the experiment device in Institute of Modern Physics, CAS
	12:00~12:40	Take bus to Anboer
	12:40~13:20	Lunch ( Anboer beef noodles )
	13:20~13:50	Take bus to Guotai Anning Hotel
	<b>Afternoon</b>	<b>Guotai Anning Hotel 3<sup>rd</sup> floor</b>
	14:30~16:00	Hosted by Yimin Jiang
	14:30~15:15	<b>Title :</b> Heat transfer enhancement in dense suspensions of agitated solids <b>Speaker :</b> Michel Yves Louge, Cornell University
	15:15~16:00	<b>Title :</b> From particle simulations to continuum modeling and applications <b>Speaker :</b> Stefan Luding, University of Twente
	16:00~16:15	Break
	16:15~18:15	Hosted by Zhigang Zheng
	16:15~16:30	<b>Title :</b> Biased Brownian motion in narrow channels with asymmetry and anisotropy <b>Speaker :</b> Zheng Peng , Central South University
	16:30~16:45	<b>Title:</b> Rolling and sliding between non-spherical particles <b>Speaker:</b> Chuang Zhao, Guizhou University
	16:45~17:00	<b>Title:</b> The effect of sample deformation on the sound propagation <b>Speaker:</b> Zhigang Zhou, Institute of Physics, CAS
	17:00~17:15	<b>Title:</b> Janssen Ratio in granular material measured by photoelastic method <b>Speaker:</b> Jin Zong, Institute of Physics, CAS
17:15~17:30	<b>Title :</b> DEM simulation of granular segregation in two-compartment system under zero gravity <b>Speaker :</b> Wenguang Wang, Institute of Physics, CAS	
17:30~17:45	<b>Title :</b> Experimental and simulational studies on several cases of bottleneck-induced phase-transition and jam of granular flow <b>Speaker :</b> Maobin Hu, University of Science and Technology of China	
17:45~18:00	<b>Title :</b> Propagation of solitary wave in granular chain	

		<b>Speaker</b> : Decai Huang, Nanjing University of Science and Technology
	18:00~18:15	<b>Title</b> : EDEM Simulation of the Buffering Capacity of Nonconvex Particle under Impact Loading <b>Speaker</b> : Qi Zhang , Taiyuan University of Technology
	18:15~20:00	<b>Banquet ( Huanghe restaurant, Guotai Anning Hotel 2nd floor )</b>
<b>Sept.4 Sunday</b>	<b>Morning</b>	<b>Guotai Anning Hotel 3<sup>rd</sup> floor</b>
	09:00~10:30	Hosted by Stefan Luding
	09:00~09:45	<b>Title</b> : Rotations in jammed sphere assemblies <b>Speaker</b> : Hans Herrmann, ETH Zürich
	09:45~10:30	<b>Title</b> : Granular Flow and Clogging in Hopper <b>Speaker</b> : Kiwing To, Institute of Physics, Academia Sinica
	10:30~10:45	<b>Break</b>
	10:45~12:00	Hosted by Xiaosong Chen
	10:45~11:05	<b>Title</b> : Shock wave in granular system <b>Speaker</b> : Wenshan Duan, Northwest Normal University
	11:05~11:20	<b>Title</b> : Formation process of one giant sand dune in Badain Jaran Desert <b>Speaker</b> : Hui Zhao, Cold and Arid Regions Environmental and Engineering Research Institute, CAS
	11:20~11:35	<b>Title</b> : ?? <b>Speaker</b> : Ping Lin, Institute of Modern Physics, CAS
	11:35~11:50	<b>Title</b> : ?? <b>Speaker</b> : Lidong Ma, Institute of Modern Physics, CAS
	11:50~12:00	<b>Title</b> : ?? <b>Speaker</b> : Xuezhi Zhang, Institute of Modern Physics, CAS
	12:00~12:20	<b>Discussion</b>
	12:20~14:00	<b>Buffet ( Western-style food restaurant, Guotai Anning Hotel 2nd floor )</b>

## 5. Dinning

Date	Time		
Sept.3	Breakfast	07:00-08:00	<b>Western-style food restaurant, Guotai Anning Hotel 2nd floor</b>
	Lunch	12:40-13:20	<b>Anboer beef noodles</b>
	Dinner	18:15-20:00	<b>Huanghe restaurant, Guotai Anning Hotel 2nd floor</b>
Sept.4	Breakfast	07:00-09:00	<b>Western-style food restaurant, Guotai Anning Hotel 2nd floor</b>
	Lunch	12:20-14:00	<b>Western-style food restaurant, Guotai Anning Hotel 2nd floor</b>
	Dinner	18:00-20:00	<b>Huanghe restaurant, Guotai Anning Hotel 2nd floor</b>

During the workshop, accommodation fee of Guotai Anning Hotel is breakfast included.

## 6. Notices

- 1) **We will assemble at the lobby at 8:00 and transfer to the institute of modern physics of Chinese academy of sciences on Sept.3 for meeting, please be punctual.**
- 2) **Please check out before 13:30. Extension until 18:00 is charged by half a day.**
- 3) **Please return your room key when check out. 100RMB is charged for key loss.**
- 4) **Any causation of extended accommodation is self-payd.**
- 5) **Tips:**
  - a) RMB cash for small payment.
  - b) Resident ID card, passport or other legal documentation for traffic and accommodation.
  - c) Medicines. (car sick etc.)
  - d) High temperature precaution and rain gear.
- 6) **Please take care of your safety. Conference affair committee is duty free.**

## 7. Transport to Hotel

**Address:** North binhe west road no. 922

**Telephone:** (0931)6182222

### 1) Zhongchuan Airport - Guotai Anning Hotel:

- Taxi: 50km for about 50min and 140 Yuan RMB

- Airport shuttle: Anning direction, Get off at Mogao road intersection

**2) Lanzhou Railway station - Guotai Anning Hotel:**

- Taxi: 22km for about 50min and 40 Yuan RMB

**3) Lanzhou West Railway station - Guotai Anning Hotel:**

- Taxi: 10km for about 20min and 20 Yuan RMB

**Friendly reminder:**

Most taxis aren't metered at Zhongchuan airport, so make sure you organise the price beforehand, and remember to ask for invoice when get off.

**Zhongchuan Airport - Guotai Anning Hotel:**

