

Agenda

| Date | Time | Program |
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| Aug.21 Monday | 9:00-20:00 | Registration |
| Aug.22 Tuesday | Morning | |
| | 08:30-12:00 | Hosted by Xiaosong Chen |
| | 08:30-08:50 | Welcome and introduction Speaker : Meiying Hou , Institute of Physics, CAS |
| | 08:50-09:35 | Title : Concept and progress of the granular target Speaker : Lei Yang , Institute of Modern Physics, CAS |
| | 09:35-10:10 | Break and Photo |
| | 10:10-10:55 | Title : Origins of shear jamming and force networks Speaker : Bob Behringer , Duke University |
| | 10:55-11:40 | Title : Granular stat. mech.: different structural entropy sources, exact calculations, and the origin of N! Speaker : Rafi Blumenfeld , Imperial College London |
| | 11:40-12:00 | Title : Study of an athermal quasi static plastic deformation in a 2D granular material Speaker : Jie Zhang , Shanghai JiaoTong University |
| | 12:00-14:00 | Lunch |
| | Afternoon | |
| | 14:00-15:30 | Hosted by Zhigang Zheng |
| | 14:00-14:45 | Title : A taxonomy of granular flows down inclines: how different bases produce widely different scaling of mass flow rate with depth Speaker : Michel Yves Louge , Cornell University |
| | 14:45-15:30 | Title : Statistical mechanical theory of the rheology of suspensions: the divergence of viscosity and the shear thickening Speaker : Hisao Hayakawa , Kyoto University |
| | 15:30-16:10 | Break and Poster |
| | 16:10-17:35 | Hosted by Wenshan Duan |
| | 16:10-16:55 | Title : Unjamming of Hoppers: Modeling the Dynamics of Arches by a Continuous Time Random Walk Speaker : Bulbul Chakraborty , State University of New York |
| | 16:55-17:15 | Title: Granular packing as model glass formers Speaker : Yujie Wang , Shanghai Jiao Tong University |
| | 17:15-17:35 | Title : Rate dependent behavior of granular geomaterials: measurements and mathematical models Speaker : Xiaohui Cheng , Tsinghua University |
| | 17:35-19:30 | Banquet |
| Aug.23 Wednesday | Morning | |
| | 08:30-10:20 | Hosted by Jie Zhang |
| | 08:30-09:15 | Title : From Micro to Macro: From Particles to Continuum Theory Speaker : Stefan Luding , University of Twente |

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| 09:15-10:00 | Title : Why Thermodynamics is the proper Foundation for Granular Media Speaker : Mario Liu , University of Tübingen |
| 10:00-10:20 | Title : A thermodynamic model of grain-grain contact force Speaker : Yimin Jiang , Central South University |
| 10:20-11:00 | Break |
| 11:00-12:00 | Hosted by Xiaohui Cheng |
| 11:00-11:20 | Title : The Structural Re-organisation in a Sheared Granular Material Speaker : Xia Li , Southeast University |
| 11:20-11:40 | Title : Rogue wave and the envelop solitary wave in granular medium Speaker : Wenshan Duan , Northwest Normal University |
| 11:40-12:00 | Title : Pulsed beam experiment at CERN Speaker : Chris Densham , STFC |
| 12:00-14:00 | Buffet |
| Afternoon | |
| 14:00-15:50 | Hosted by Yujie Wang |
| 14:00-14:45 | Title : Clog and flow in silo with oscillating exit Speaker : Kiwing To , Institute of Physics, Academia Sinica |
| 14:45-15:30 | Title : Flowing, squeezing, clogging, and jamming of oil droplets Speaker : Eric Weeks , Emory University |
| 15:30-15:50 | Title: Size scaling of velocity field in granular flows through apertures Speaker: Xiaosong Chen , Institute of Theoretical Physics, CAS |
| 15:50-16:30 | Break and Poster |
| 16:30-17:50 | Hosted by Yimin Jiang |
| 16:30-16:50 | Title : Self-propulsion of a grain-filled dimer in a vertically vibrated channel Speaker : Ning Zheng , Beijing Institute of Technology |
| 16:50-17:10 | Title: Interface Facilitated Energy Transport in Coupled Nonlinear Lattices Speaker: Zhigang Zheng , Huaqiao University |
| 17:10-17:30 | Title : Review on the measurement of grain motion in dense granular materials Speaker : Hui Yang , University of Shanghai for Science and Technology |
| 17:30-17:50 | Title : The Study of the performance of the PMMA granular sample in photo-elasticity experiment of the contact force measurement Speaker : Zhengyu Yong , NUDT |
| 17:50-19:30 | Dinner |

Dining

| Date | Time | | |
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| Aug.21 | Dinner | 18:00-20:00 | Huangguoshu hall, floor 1 of building 3 |
| Aug.22 | Breakfast | 07:00-08:30 | Huangguoshu hall, floor 1 of building 3 |
| | Lunch | 12:00-14:00 | Huangguoshu hall, floor 1 of building 3 |
| | Dinner | 17:35-19:30 | XiWai hall, floor 2 of building 3 |
| Aug.23 | Breakfast | 07:00-08:30 | Huangguoshu hall, floor 1 of building 3 |
| | Lunch | 12:00-14:00 | Huangguoshu hall, floor 1 of building 3 |
| | Dinner | 17:50-19:30 | Huangguoshu hall, floor 1 of building 3 |
| Aug.24 | Breakfast | 07:00-08:30 | Huangguoshu hall, floor 1 of building 3 |