

Agenda

Date	Time	Program
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 : Meiyong 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

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		
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