

SUNDAY**5/30/2010**

18:00 to 20:00 Registration
19:00 to 21:00 Welcome Reception

MONDAY**5/31/2010**

09:00 to 09:20	Welcome MPI director & scientific coordinators	welcoming remarks
09:20 to 10:00	Confinement Thomas Truskett	Structure & dynamics of confined fluids
10:00 to 10:40	Hartmut Löwen	Colloidal crystallization between two and three dimensions
10:40 to 11:10	Coffee break	
11:10 to 11:50	Eric Weeks	Dense packings of colloids and grains in confined spaces
11:50 to 12:30	Matthias Schröter	DISCUSSANT
12:30 to 15:00	Lunch + Free Discussion	
15:00 to 16:00	Poster Mini-Talks 1 slide, <2 min for each poster	
16:00 to 16:30	Coffee break	
16:30 to 17:30	PARDIM10 Colloquium (Chairperson: Frank Jülicher) Martin van Hecke	Flow of Foams from a Jamming Perspective
18:00 to 19:00	Poster Session (refreshments served)	
19:00	Supper	

TUESDAY

6/1/2010

Crystallization

09:00 to 09:40 Clemens Bechinger Colloidal Monolayers on Quasiperiodic Light Fields
09:40 to 10:00 Yoav Kallus The "divide and concur" approach to packing

10:00 to 10:30 **Coffee break**

10:30 to 11:10 Sharon Glotzer Self assembly and packing of tetrahedra
11:10 to 12:00 Tanja Schilling DISCUSSANT

12:00 to 13:30 **Lunch**

Amorphous Order

13:30 to 14:10 Nikolai Medvedev Simplicies in particulate matter
14:10 to 14:30 François Sausset Geometric frustration and glass formation

14:30 to 14:50 **Coffee break**

14:50 to 15:30 Jorge Kurchan Measuring a coherence length in amorphous systems
15:30 to 16:10 Rémy Mosseri DISCUSSANT

16:10 to 16:50 **Coffee break**

Phases in Granular Media

16:50 to 17:10 Frank Rietz Characterization of sphere packings around RCP
17:10 to 17:40 Charles Radin The phases of sand
17:40 to 18:00 Discussion

18:30 **Supper**

WEDNESDAY

6/2/2010

Local Description of Packing

09:00 to 09:20	Sebastian Kapfer	Intrinsic anisotropy of loose and dense granular systems in 2D and 3D
09:20 to 09:40	Lisa Manning	Surface tension in biological tissues and surface energy of dry foams
09:40 to 10:20	Raphael Blumenfeld	Effects of dimensionality on statistical mechanics of granular matter

10:20 to 10:40 **Coffee break**

10:40 to 11:20	Ivane Jorjadze	Turning random packing inside out
11:20 to 12:00	Karen Daniels	DISCUSSANT

12:00 to 16:00 **Lunch + Free Discussion**

Shear and Flow

16:00 to 16:40	Bob Behringer	Jamming, Shear and Dimensionality for Granular Materials
16:40 to 17:20	Peter Schall	Colloidal versus granular flows: Does size matter?

17:20 to 17:40 **Coffee break**

17:40 to 18:00	Kirsten Harth	standing smectic films
18:00 to 18:50	Corey O'Hern	DISCUSSANT

19:00 **Supper**

THURSDAY

6/3/2010

Granular Dynamics

09:00 to 09:40	Anita Mehta	Spatial, dynamical and spatiotemporal heterogeneities in granular media
09:40 to 10:00	Frederic Lechenault	Equilibration of granular subsystems
10:00 to 10:20	Luis Pagnaloni	Static granular packings: The relevant state variables.

10:20 to 10:40 **Coffee break**

10:40 to 11:20	Antoinette Tordesillas	Stranger than friction: micromechanics of granular failure
11:20 to 12:00	Brian Tighe	DISCUSSANT

12:00 to 14:30 **Lunch + Free Discussion**

Glassiness

14:30 to 14:50	Peter Yunker	Correlated Rearrangements in Aging Glasses and the Crystal-to-Glass Transition
14:50 to 15:30	Emmanuela Zaccarelli	Crystallization of hard-sphere glasses
15:30 to 16:10	Massimo Pica Ciamarra	DISCUSSANT

16:10 to 16:30 **Coffee break**

New MCT situation

16:30 to 17:00	Rolf Schilling	Dependence of the Glass Transition on the Spatial Dimension
17:00 to 17:30	Kuni Miyazaki	Is Mode-Coupling Theory a Mean Field Theory of the Glass Transition?
17:30 to 18:10	Matthias Sperl	DISCUSSION: Mode-Coupling Theory in Higher Dimensions

19:00 **CONFERENCE DINNER**

FRIDAY

6/4/2010

Higher Dimensions

09:00 to 09:40

Henry Cohn

TBD

09:40 to 10:20

Francesco Zamponi

Jamming and hard sphere glasses in dimensions from 3 to infinity

10:20 to 10:40

Coffee break

10:40 to 11:20

Tomaso Aste

Jamming of disordered structures in arbitrary dimensions: what should we expect?

11:20 to 12:00

Patrick Charbonneau

DISCUSSANT

12:00 to 13:00

Lunch

Contributed Discussions: "Does Dimensionality Matter?"

TBD

discussion