



Simons Program: States of Matter

Monday, November 20, 2017

- 10:00 Jeppe Dyre: The material time in physical aging
- 11:00 Paolo Sibani: Hard sphere colloidal dynamics. A mesoscopic description
- 12:00 Lunch
- 13:00 Benjamin Geiger
- 14:00 *Astroparticle Seminar: Eli Waxman*
- 15:00 Reception

Tuesday, November 21, 2017

- 10:00 Jay Fineberg: Friction is Fracture: a new paradigm for the onset of frictional motion
- 11:00 Lorenzo Costigliola: Viscosity of simple liquids at high densities
- 12:00 Lunch
- 13:00 Itamar Procaccia: Training, Memory and Universal Scaling in Frictional Granular Matter
- 14:00 Thomas Schröder: Scaling of classical matter
- 15:00 Coffee
- 15:30 Morten Mattrup Smedskjær: Topological Design of Durable Oxide Glasses
- 16:35 Transportation with bus from NBI
- 17:15 Dinner at Sticks 'n' Sushi, Tivoli Hotel

Wednesday, November 22, 2017

- 10:00 Yuanzheng Yue: Metal-organic framework: from crystal to glass
- 11:00 Antti-Pekka Jauho
- 12:00 Lunch
- 13:00 Kristoffer Almdal
- 14:00 Eran Bouchbinder: Instability in dynamic fracture
- 15:00 Coffee/NBI Archive Tour
- 15:30 Ole Hassager: Fracture in Liquids

Thursday, November 23, 2017

- 10:00 Ulf Rørbæk Pedersen: Crystallization of Kob-Andersen type binary Lennard-Jones mixtures
- 11:00 Michael Moshe: Geometric aspects of cellular tissue mechanics
- 12:00 Lunch
- 13:00 John Hjort Ipsen
- 14:00 Eran Sharon: The Geometry and Mechanics of Incompatible Sheets on the Nano and Macro scales
- 15:00 Coffee