

6th Annual Northeastern

Granular Materials Workshop

Friday May 30th, 2008

Physics Department, Brandeis University

Schedule

09:15 - 10:00	Registration and Breakfast
10:00 - 10:40	Pedro Reis , <i>How far from equilibrium? Structure and dynamics of a uniformly heated granular fluid</i> . Department of Mathematics, Massachusetts Institute of Technology.
10:40 - 10:55	Shubha Tiwari, <i>Growing length scale in gravity-driven dense granular flow</i> , Mount Holyoke College.
10:55 - 11:15	Break
11:15 - 11:55	Gregg Lois , <i>Granular flow near the jamming transition</i> . Mechanical Engineering and Physics Department, Yale University.
11:55 - 12:10	Prasanta Pal, <i>Figure-16 and beyond</i> , Yale University.
12:10 - 1:40	Lunch
1:40 - 2:20	Valeriu Damian-Lordache , <i>Using agglomerate breaking to model the performance of dry powder inhaler formulations</i> . Manager, R&D - Preclinical Development, GlaxoSmithKline.
2:20 - 2:35	Mitch Mailman, <i>2D Packings of Frictionless, Anisotropic Grains</i> , Brandeis University.
2:35 - 3:15	Coffee and Posters
3:15 - 3:30	Silke Henkes, <i>A field theory for granular packings</i> , Brandeis University.
3:30 - 4:10	Hernán Makse , <i>Statistical mechanics of jammed matter and the nature of fruit packings</i> . Benjamin Levich Institute and Physics Department, The City College of New York.

Posters

Jiaju Ma , City College of New York.	<i>First Order Phase Transition and the Simulation of a Quasi 2D Granular Fluid.</i>
Andreea Panaitescu , Clark University.	<i>Experimental investigation of diffusion in a cyclic sheared granular system.</i>
Max Bi , Brandeis University.	<i>Applying Soft Glassy Rheology to Granular Materials</i>
Kevin Safford , Clark University.	<i>Structure and dynamics of a vibrated granular bead-chain</i>
Greg Voth , Wesleyan University.	<i>Experimental measurements of the collapse of a 2D granular gas under gravity</i>