

7th Annual Northeastern

Granular Materials Workshop

Friday June 12th, 2008

School of Engineering and Applied Science, Yale University

Schedule

08:30 - 09:30	Registration and Breakfast
09:30 - 10:10	Prof. Jerzy Blawdziewicz , <i>Small granular systems and their relevance for descriptions of macroscopic granular packings.</i>
10:10 - 10:25	Micheal Berhanu, <i>Aggregation of athermal particles induced by capillarity.</i>
10:25 - 10:55	Coffee Break
10:55 - 11:10	Dr. Ken Kamrin, <i>General continuum law for dense granular flow.</i>
11:10 - 11:50	Prof. Stephen Teitel , <i>Critical Scaling at the Jamming Transition of a Shear Driven Model Granular System.</i>
12:00 - 1:30	Lunch and Posters
1:30 - 2:10	Prof. Salvatore Torquato , <i>Dense Packings of Nonspherical Particles.</i>
2:10 - 2:25	Dr. John Valenza II, <i>Granular damping at various levels of relative humidity.</i>
2:25 - 2:40	Jingyu Park, <i>Packing of Non-spherical Dumbbell Particles with Controlled Geometry</i>
2:30 - 3:30	Coffee and Posters
3:30 - 4:10	Prof. Scott Franklin , <i>Spherocylinder Packings and Wedge Hoppers: Life with Straight Lines.</i>

Posters

Jessica Baker	<i>Random Packing Densities of the Platonic Solids</i>
Xiaoni Fang	<i>Signal Propagations in Dense Granular Materials</i>
Andreea Panaitescu	<i>Self- diffusivity in a sheared granular material</i>