

Pre-nominated Session FM17

Granular flows

Co-Chair(s): R. Behringer (USA)
 I. Goldhirsch (Israel)

Paper ID	Title	Authors
FM17L_10253	Impact	Detlef Lohse, Raymond Bergmann, Rene Mikkelsen, Christiaan Zeilstra, D. van der Meer, Michel Versluis
FM17S_10371	Maximum - Entropy Estimates and Virtual Thermomechanics for Granular Assemblies	J. D. Goddard
FM17L_10524	Granular Column Collapse	Gert Lube, Herbert E. Huppert, R. Stephen Sparks, Mark A. Hallworth
FM17L_10959	Gravity Flow of a Densely - Packed Granular Material	Jean Rajchenbach
FM17S_10969	Flow Dynamics of Dense Granular Materials Subjected to Vertical Vibration	Azita Soleymani, Vesa Tanskanen, Piroz Zamankhan, William Polashenski, Jr.
FM17S_11169	Particle Image Velocimetry Analysis of Granular Material Flows	Irena Sielamowicz, Slawomir Blonski
FM17L_11751	Pore Pressure Relaxation During Granular Compaction	Maxime Nicolas, Max Belzons, Olivier Pouliquen
FM17L_11775	Granular Flows on a Heap	Pierre Jop, Yoel Forterre, Olivier Pouliquen
FM17L_11876	Collapse, Growth and Merging of Cavity Regions in a Granular Material due to Viscous Flow	O. Sano, Y. Kaneko, G. P. RajaSekhar
FM17L_11883	Undulations and Ripples of a Thin Granular Layer Due to Vertical Vibration	Akiko Ugawa, Osamu Sano
FM17S_12073	Species Segregation Driven by a Granular Temperature Gradient	Janine E. Galvin, Steven R. Dahl, Christine M. Hrenya

FM17L_12308	Kinetics of Weakly Frictional Granular Gases	Isaac Goldhirsch, S. Henri Noskowicz, O. Bar-Lev
FM17S_12338	Morphology and Scaling of Impact Craters in Granular Media	Amanda M. Walsh, John R. de Bruyn
FM17L_12399	Extended Granular Temperature	Lou Kondic, Robert P. Behringer
FM17L_12445	Evolution of Internal Structure of Sheared Dense Granular Flows: Crystallization and History - Dependent Final States	J. C. Tsai, J. P. Gollub
FM17S_12790	Arching in Granular Media	Radoslaw L. Michalowski, Namgyu Park
FM17L_12883	Transverse Motion, Segregation and Rotations in 2D Granular Flows	Renauld Delannay, Alexandre Valance, Patrick Richard, Weitao Bi, Gaelle Berton, Nicolas Taberlet
FM17L_13029	Velocity Profiles During Granular Avalanches	Marc Rabaud, Sylvain Courrech du Pont, Philippe Gondret, Bernard Perrin