

GDR meeting "Driven Disordered Systems 2014"  
**Program of Thursday, June 5**

10h30-11h15	Registration	(Refreshments and installation of the posters.)
11h15	Jean-Louis Barrat	<i>Introduction</i>

Depinning & Yielding	11h25	Zoe Budrikis	<i>From shear transformations to depinning transitions: lattice models for amorphous plasticity</i>
	12h10	Damien Vandembroucq	<i>Finite statistical size effects in compressive strength</i>
	12h35	Vivien Lecomte	<i>Interfaces in random media with short-range correlated disorder</i>

13h-14h	Lunch break	(Poster session)
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Jammed systems	14h	Ludovic Berthier	<i>Thinning or thickening? Multiple rheological regimes in dense suspensions of soft particles</i>
	14h45	Nicolas Brodu	<i>Measuring 3D forces at each contact within a stressed granular medium with refraction index matching tomography.</i>
	15h10	Olivier Dauchot	<i>Vibrated granular media, an experimental way towards jamming.</i>

15h55-16h30	Coffee break	(Poster session)
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Yielding in Soft Matter	16h30	Luca Cipelletti	<i>A microscopic view of the yielding transition in concentrated emulsions</i>
	17h15	Robin Masurel	<i>Stress relaxation of highly disordered viscoelastic materials</i>
	17h40	Jérôme Crassous	<i>Microstructure of a plastic flow before failure</i>
	18h05	Francesco Puosi	<i>Time dependent elastic response to a local shear transformation in amorphous solids</i>

18h30-19h30	Refreshments	(Poster session)
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20h	Conference dinner	At the restaurant "Le Téléferique" on the Bastille.
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**Program of Friday, June 6**

Magnetic interfaces	9h	Vincent Jeudy	<i>Field-driven domain wall motion in ferromagnetic films with weak disorder</i>
	9h45	Reinaldo Garcia Garcia	<i>Eddy currents and Barkhausen noise: Possible breakdown of Middleton theorem</i>
	10h10	Jacques Ferré	<i>2D melting and fluctuations at the spin reorientation transition in a Pt/Co/Pt film</i>

10h45-11h20	Coffee break	(Poster session)
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Flow & plasticity dynamics	11h20	Marc-Antoine Fardin	<i>Shear-banding in complex fluids</i>
	12h05	Marc Durand	<i>Statistical mechanics of two-dimensional shuffled foams: prediction of the correlation between geometry and topology</i>
	12h30	Laurent Ponson	<i>On the relevance of depinning concepts to describe damage spreading and localization in disordered materials</i>
	12h55	Michael Falk	<i>Competition between cavitation and flow in amorphous solids</i>

13h20-14h30	Lunch break	(Poster session)
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Avalanches	14h30	Anaël Lemaître	<i>Signature of flow and relaxation events in amorphous glasses and supercooled liquids under shear</i>
	15h15	Kay Wiese	<i>Avalanches</i>
	15h40	François Landes	<i>Avalanche statistics in disordered visco-elastic interfaces</i>
	16h05	Stojanova Menka	<i>Energy's probability distribution in scale invariant processes: the effect of time correlations</i>

16h30	Happy Hour	(Discussions)
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**Poster list**

Karol Asencio	<i>Compaction of faceted particles</i>
Catherine Barentin	<i>Capillary rise of yield stress fluid</i>
Nicolas Brodu	<i>Inferring statistically singular points to highlight the structure of large environmental data sets</i>
Vincent Démery	<i>From microstructural features to effective toughness in disordered brittle solids</i>
Giacomo Gradenigo	<i>Fluctuating hydrodynamic theory for a driven granular fluid: study of out-of-equilibrium correlations</i>
Sara Jabbari-Farouji	<i>Mechanisms of plastic deformation in glassy and semi-crystalline polymers</i>
Takeshi Kawasaki	<i>Power law divergence of the viscosity in dense athermal suspensions by large scale computer simulations</i>
Simon Merminod	<i>Order and disorder in a driven magnetic granular monolayer</i>
Christophe Perge	<i>Creep and brittle failure of a protein gel under stress</i>
Elsen Tjhung	<i>Dynamic criticality in periodically driven colloidal suspensions</i>
Jean-François Trochet	<i>Granular monolayer subjected to a gradient of vibration</i>