

# **NONEQUILIBRIUM DYNAMICS IN SOFT AND HARD CONDENSED MATTER BUENOS AIRES, MARCH 2-4, 2015**

Time slots must include at least 5 minutes for questions. Time your presentations accordingly.

In case you want to have lunch at the restaurant of the conference site and participate in the conference dinner, please [register](#) in the Doodle, if you haven't done it yet.

Please prepare a simple .pdf file if you are *not* going to use your own laptop.

## **Monday March 2<sup>nd</sup>**

09:40 – 10:15	<b>D. Barci</b> Symmetries and supersymmetry of multiplicative stochastic processes
10:15 – 10:50	<b>D. Levine</b> Unusual fluctuations in absorbing state models
10:50 – 11:25	<b>F. Corberi</b> Condensation of large fluctuations in a thermodynamical system
11:25 – 11:55	<i>Break</i>
11:55 – 12:30	<b>E. Calzetta</b> Nonequilibrium field theory methods for stochastic field theory problems
12:30 – 13:05	<b>L. Morelli</b> Information flow in a field of moving cells
13:05 – 14:45	<i>Lunch</i>
14:45 – 15:20	<b>P. Dawson</b> Concentration readout in the fluctuating interior of a cell
15:20 – 15:55	<b>L. Bruno</b> Buckling and anomalous motion of cytoskeleton filaments studied in living cell
15:55 – 16:35	<i>Break</i>
16:35 – 17:10	<b>G. Gonnella</b> Diffusion, fluctuations and coarsening in an active dumbbell system
17:10 – 17:45	<b>V. Bekeris</b> Evidence of bulk partial disorder in dynamically organized vortex matter

## Tuesday March 3<sup>rd</sup>

09:40 – 10:15	<b>J.-L. Barrat</b> Simple models of deformation in amorphous solids
10:15 – 10:50	<b>P. Charbonneau</b> Recent Surprises in the Mean-field Description of Glasses
10:50 – 11:25	<b>W. Paul</b> Structure and dynamics of a confined polymer melt: molecular dynamics of 1,4-polybutadiene between graphite walls
11:25 – 11:55	<i>Break</i>
11:55 – 12:10	<b>A. Seif</b> Confinement in a lattice glass model
12:10 – 12:25	<b>D.A. Martin</b> Specific heat anomaly in a supercooled liquid with amorphous boundary conditions
12:25 – 12:40	<b>C. Pastorino</b> Cyclic motion of grafted polymers under flow: inversion of velocity and possible mechanism of molecular separation
12:40 – 12:55	<b>F.A. Gómez Albarracín</b> Entropic selection of exotic orders in the bilayer honeycomb lattice
13:05 – 14:45	<i>Lunch</i>
14:45 – 15:20	<b>A. Kolton</b> Creep motion of elastic manifolds in random media
15:20 – 15:55	<b>E. Ferrero</b> Avalanches and relaxation in mesoscopic models of amorphous solids
15:55 – 16:35	<i>Break</i>
16:35 – 17:10	<b>J. Arenzon</b> Domains in the Ising model: evolution and geometry
17:10 – 17:45	<b>G. Szamel</b> Glassy dynamics of self-propelled particles
21:00 – ...	<i>Conference Dinner</i>

## Wednesday March 4<sup>th</sup>

09:40 - 10:15

FREE

10:15 - 10:50

**G. Téllez Acosta**

Effective attractive interactions between like-charged colloids: a one-dimensional case study

10:50 - 11:25

**R. Santachiara**

Critical percolation clusters and conformal invariance

11:25 - 11:55

*Break*

11:55 - 12:30

**N. Wschebor**

Nonperturbative renormalization group for the Kardar-Parisi-Zhang equation

12:30 - 13:05

**J. Restrepo**

Heat current characteristics in nanojunctions with superconducting baths

13:05 - 14:45

*Lunch*

14:45 - 15:20

**A. Gambassi**

Short-time universality after a quench of an isolated quantum system

15:20 - 15:55

**A. Iucci**

Quantum quench dynamics in fermionic liquids

15.55-16.30

**A. Rosso**

Dynamical nuclear polarization in the strongly correlated regime: the paradox of Quantum Thermalization