

Thematic Workshop

“Glass Transition & Active Matter”

Friday, October 6th, 2017

Amphithéâtre H. Benoît, Institut Charles Sadron, Strasbourg

09.00	Welcome Coffee
Session on “Glass Transition”	
09.30 – 10.10	Daniele Coslovich (Laboratoire Charles Coulomb, Montpellier, France) <i>Probing the laboratory glass transition with swap Monte Carlo simulations</i>
10.10 – 10.50	Paddy Royall (HH Wills Physics Laboratory, Bristol University, Bristol, UK) <i>From colloids to atoms fivefold symmetry in glassforming systems</i>
10.50 – 11.10	Coffee and Discussion
11.10 – 11.50	Matthias Fuchs (Universität Konstanz, Konstanz, Germany) <i>Emergence of long-ranged stress correlations in supercooled liquids</i>
11.50 – 12.30	Didier Long (Laboratoire “Polymères et Matériaux Avancés », Solvay-CNRS, Saint-Fons, France) <i>Mechanical Properties of Polymer Glasses: Theory and Simulation</i>
12.30 – 14.00	Lunch and Discussion
Session on “Active Matter”	
14.00 – 14.40	Liesbeth Janssen (Department of Applied Physics, Eindhoven University, Eindhoven, The Netherlands) <i>Active glasses and active membranes in inhomogeneous motility fields</i>
14.40 – 15.20	Hartmut Löwen (Theoretical Physics II: Soft Matter, Düsseldorf, Germany) <i>Microswimmers in complex environments</i>
15.20 – 15.50	Coffee and Discussion
15.50 – 16.30	Andreas Härtel (Albert-Ludwigs-Universität Freiburg, Freiburg, Germany) <i>Two- and three-body correlations in suspensions of active hard disks</i>
16.30	Free Discussion and Closing

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