

Voyage de Gulliver au Laboratoire de Physique de l'ENS Lyon

11-12 mai 2017

Jeudi 11 Mai 2017

- 11h Arrivée au Laboratoire de Physique, Café, Présentation des laboratoires
- 11h20 Présentations (5 exposés de 15 min + 5 min de questions)
Michael Schindler: *Pressure, stress, momentum flux and friends*
Peter Holdsworth: *Emergent electrostatics in a frustrated magnet*
Joshua Ricouvier: *Self-Assembling Photonic Materials with Microfluidics*
Martin Castelnovo: *Virus self-assembly and mechanical stress relaxation*
Guillaume Ginès: *DNA-programmed particles*
- 13h Déjeuner
- 14h40 Présentations (4 exposés de 15 min + 5 min de questions)
Guillaume Briand: *The flowing crystal*
Nicolas Bain and Delphine Geyer: *Waves in active fluids: a Gulliver Travel*
Thomas Salez: *Soft and wet is different*
Sébastien Manneville: *Imaging and perturbing soft matter with ultrasound*
- 16h Pause/Café
- 16h30 Présentations (4 exposés de 15 min + 5 min de questions)
Mathilde Reyssat: *Platelets on Demand*
Julien Salort: *Model experiments on turbulent convection*
Benjamin Reichert: *Topography of the lubrication film of a pancake droplet travelling in a Hele-Shaw cell*
Elsa Bayart: *Slippery but tough - The rapid fracture of lubricated frictional interfaces*
- 20h Dîner

Vendredi 12 Mai 2017

- 9h30 Présentations (5 exposés de 15 min + 5 min de questions)
Guilhem Poy: *Thermomechanical coupling in an achiral liquid crystal*
Guillaume Durey or Teresa Lopez-Leon: *Recent results on liquid crystal shells*
Basile Pottier: *Micro-cantilever heating induced by laser absorption: observation of a thermo-optical bistability*
Gustavo Gimenez: *Flow and Fracture of Colloidal Gels*
Caroline Crauste: *Dielectric spectroscopy of a stretched polymer glass: heterogeneous dynamics and plasticity.*
- 11h10 Pause/Café
- 11h40 Présentations (4 exposés de 15 min + 5 min de questions)
Freddy Bouchet: *Large deviation theory applied to climate physics, a new frontier of statistical physics*
David Lacoste: *An information-theoretic analysis of the interplay between gene expression and cell growth*
Pierre Borgnat: *Some developments of signal processing on graphs and networks*
Anton Zadorin: *Natural selection dynamics in compartmentalized environment with re-shuffling*
- 13h Déjeuner
- 14h Visite des labos
- 16h30 Pause finale/Café
- 17h Départ pour la gare