

**MC 47 Non-equilibrium soft condensed matter I**

Monday, 2 September, afternoon

Chair: Nuno Araújo

Room:

Hours	ID	Name	Type	Title
16h00-16h30	13331	Paul van der Schoot	Invited	Tactoids Large and Small: Impact of an Electric Field
16h30-17h00	12929	Giovanni Volpe	Invited	Experimental study of critical fluctuations and critical Casimir forces
17h00-17h30	13101	Mariana B. Oliveira	Invited	Aqueous immiscible systems for the preparation of versatile interface-assembled biomaterials
17h30-17h45	13218	Leila Abbaspour	Oral	Collective self-caging of active filaments in virtual confinement
17h45-18h00	13481	Juan Carlos Sobarzo	Oral	Spontaneous Self-Organization of Identical Materials into a Triboelectric Serie
18h00-18h15	13005	Mykola Tasinkevych	Oral	Sculpting liquid crystal skyrmions with external flows
18h15-18h30	12599	Dan Shafir	Oral	Disorder-Induced Anti-Friction in Anomalous Diffusion

MC 47 Non-equilibrium soft condensed matter II

Tuesday, 3 September, afternoon

Chair: Rodrigo Coelho

Room:

Hours	ID	Name	Type	Title
16h00-16h30	12780	Margarida M. Telo da Gama	Invited	Interfaces of active fluids
16h30-17h00	12797	N.Vandewalle	Invited	Exploiting capillary interactions to self-assemble mesostructures on liquid interface
17h00-17h30	13686	Sabine H.L. Klapp	Invited	Self-assembly and self-organization in nonreciprocal anisotropic systems
17h30-17h45	13610	Maks Pecnik Bambic	Oral	Optimal face-to-face coupling for fast self-folding kirigami
17h45-18h00	13163	A. Bensabat	Oral	Microenvironment anisotropy drives cell migration and large-scale nuclear deformations – a coupled in silico and in vitro study
18h00-18h15	13018	Nicolò Galvani	Oral	How does a foamed yield-stress fluid coarsen?
18h15-18h30	12708	Tomás Alvim	Oral	Collective variable model for the dynamics of liquid crystal skyrmions

**MC 47 Non-equilibrium soft condensed matter III**

Wednesday, 4 September, afternoon

Chair: Daniel de las Heras

Room:

Hours	ID	Name	Type	Title
16h00-16h30	12857	Maria Guix	Invited	Design and performance of soft biohybrid swimmers
16h30-17h00	12943	Juan J. Ruiz-Lorenzo	Invited	Memory and Rejuvenation in spin glasses: Experiments and Numerical Simulations
17h00-17h30	13651	José M. Tavares	Invited	Percolation and high density percolation in binary mixtures of patchy particles
17h30-18h00	13234	Ana-Sunčana Smith	Invited	Modelling the adaptation of tissues to environmental mechanical and chemical changes
18h00-18h15	13509	Sascha W. Epp	Oral	Rubber-like elasticity in laser-driven free surface flow of a Newtonian fluid
18h15-18h30	12853	Vasco C. Braz	Oral	Robust threshold for Degree Ranked Percolation of granular packings

Poster Sessions

Monday, 2 September, afternoon

ID	Name	Title
13256	Daniel Valente-Matias	Experimental realization of stochastic folding
13158	André F. V. Matias	Defect Control in Lyotropic Liquid Crystals in Confinement
13124	Guilherme Amaral	Liquid crystal skyrmions in shear flows
13115	J. M. Marcos	Modeling the breaking of an oil in water emulsion under a Surface Acoustic Wave (SAW) with a MC simulation
12920	Júlio Santos	Capsule dynamics in active turbulence

Tuesday, 3 September, afternoon

ID	Name	Title
12588	Rafael Almada	Healing Regimes for Microscopic Wounds in the Vertex Model of Cell Tissues
12470	Rodrigo Coelho	Pumping and mixing active nematics
13923	Sergey V. Pyrlin	Concentration-dependent clusteroluminescence in small molecules and synthetic peptides
12895	Tomás Alvim	Solute dispersion in confined active nematics
12774	Margarida Telo da Gama	Shape transition of flowing skyrmions in 2D
12575	Paulo I. C. Teixeira	Ultraconfined oblate hard particles between hybrid penetrable walls
12473	Rodrigo C. V. Coelho	Hall-like transport of liquid crystal skyrmions in Couette flows
12267	Paulo I. C. Teixeira	Dynamics of liquid bridges between patterned substrates
15996	Ana Carolina Ribeiro	Effect of environmental memory on the dynamics of active particles