

Hora	Jueves 12 de mayo
08:15 – 09:00	Inscripción
09:00 – 09:15	Inauguración
09:15 – 9:45	Homenaje en recuerdo de Luis Rull y Luis Pesquera
9:45 – 10:30	I-01: Mario Floría: The HCO model of social norm violation and punishment
10:30 – 10:45	O-01: Eva G Noya: Diseño de cuasicristales icosaédricos mediante enlaces
10:45 – 11:15	Café
11:15 – 11:45	I-02: Marta Sales: Using inference for recommendation and to obtain models from data: is data always good enough?
11:45 – 12:00	O-02: Raúl A Rica: Brownian dynamics of levitated nanoparticles
12:00 – 12:15	O-03: Gonzalo Manzano: Survival and extreme statistics of work, heat, and entropy production in steady-state heat engines
12:15 – 12:45	I-03: Javier Buceta: The 3D Structure of Epithelia Monolayers: Biology meets Math and Physics
13:00 – 15:00	Comida
15:00 – 16:30	Presentación de pósteres
16:00 – 16:30	Café
16:30 – 17:15	I-04: Francisco Chinesta: Physics-based & Data-driven models: the winning team
17:15 – 17:30	O-04: Nerea Alcázar-Cano: The role of hydrodynamics in the diffusion of passive tracers in random networks
17:30 – 17:45	O-05: Adrián Aguirre-Tamaral: A complexity theory approach to the origin of life: towards the first RNA replication
17:45 – 18:00	O-06: L. F. Seoane: Games in rigged economies
18:00 – 18:15	O-07: Iñaki Echeverría: Spontaneous emergence of counterclockwise vortex motion in assemblies of pedestrians roaming within an enclosure
18:15 – 19:15	Concurso Tesis en 3 Minutos

Hora	Viernes 13 de mayo
09:00 – 9:45	I-05: Carmen Miguel: Collective motion and consensus decision-making in social animal groups
9:45 – 10:00	O-08: Pau Clusella: Complex spatiotemporal oscillations emerging from transverse instabilities in large-scale brain networks
10:00 – 10:15	O-09: Miguel Ángel López Castaño: Diffusion in a two-dimensional chiral fluid
10:15 – 10:30	O-10: Isabel Serra: The Brevity Law as a Scaling Law, and the Origin of Zipf's Law for Word Frequencies as a Mixture from Different Lengths
10:30 – 10:45	O-11: Diego Escribano: Chimpanzees organize their social relationships like humans
10:45 – 11:15	Café
11:15 – 11:45	I-06: Ester Lázaro: Virus adaptation to low host density
11:45 – 12:00	O-12: Javier Galeano: Can Statistical Physics Help You Win an Olympic Medal...in Badminton?
12:00 – 12:15	O-13: Guilherme Vilhena: Tuning the Dynamics of Life: One Chemical Moiety at a Time
12:15 – 12:45	I-07: Felipe Blas: Simulación de hidratos de dióxido de carbono
13:00 – 15:00	Comida
15:00 – 16:30	Presentación de pósteres

16:15 – 16:45	Café
16:45 – 17:30	I-08: Ernesto Estrada: What makes a network “complex”?
17:30 – 17:45	O-14: Rafael Díaz-Hernández: Jamming of Hard-Spheres through the Lens of Constrained Optimization
17:45 – 18:00	O-15: Beatriz Barreales: Kinetic roughening of coffee-ring interfaces
18:00 – 18:15	O-16: Miguel Ruíz-García: Learning inter-particle interactions and active forces from particle trajectories
18:15 – 18:30	O-17: Jaime Iranzo: How genetic parasites persist despite the purge of natural selection
18:30 – 18:45	O-18: S. Cloux: Validación de un modelo Lagrangiano para el transporte de macroplásticos usando palillos de batea en la Ría de Arousa

Hora	Sábado 14 de mayo
09:00 - 9:45	I-09: Ralf Metzler Beyond Brownian motion: from data to models
9:45 - 10:00	O-19: Juan Fernández-Gracia: Inferring Generalized Lotka-Volterra parameters from logitudinal microbial data
10:00 - 10:15	O-20: Jordi Ignés-Mullol: Selection rules and scaling regimes in active nematic turbulence
10:15 - 10:45	I-10: Carmen Molina: Why are cell populations maintained via multiple intermediate compartments?
10:45 - 11:15	Café
11:15 - 11:45	I-11: Andrés Santos: Mpemba effect in driven gases: Are the thermal and entropic criteria equivalent?
11:45 - 12:00	O-21: Jasper van der Kolk: A geometry-induced topological phase transition in random graphs
12:00 - 12:15	O-22: M. Isabel García de Soria: Auto-difusión en un gas de esferas duras cuasi-bidimensional
12:15 - 12:30	O-23: Arturo Moncho-Jordá: Controlling the structure, phase behavior and dynamics of soft colloids by active interaction switching
12:30 - 12:45	Clausura