



IRP KickOff Meeting

Aula 301. Paseo Colón 850

Monday October 28th

10:00	Palabras Iniciales	
10:15	Palabras Iniciales	Jean-Pierre Hulin
10:35	Leonardo Binda	Effect of humidity at the static angle in granular systems
11:05	Ramiro Godoy-Diana	In-phase vs. out-of-phase synchronization in side-by-side swimmers
Break		
11:45	Gastón Miño	The effect of flow on swimming bacteria controls the initial colonization of curved surfaces (videoconf)
12:05	Patricia Ern	Oscillatory motion and wake of freely falling cylinders
12:35	Pablo D. Roca	Machine learning on wake flow control
Lunch		
14:30	Lucas A. Pavlov	Bubbles ascension on confined geometries
14:50	Alejandro García	Experimental study of a suspension of a non brownian particles in an oscillating flow
15:10	Mario Cachile	Bodies of different aspect ratio moving in confined geometries
Break		
16:00	Benjamin Thiria	Bio-inspired surface-wave energy absorption
16:20	Juan D'Adamo	Kinematics & Vortex dynamics of flapping foils
16:40	J. Martín Cabaleiro	Flowrate independent 3D printed Microfluidic Concentration Gradient Generator
Apéro		

Tuesday October 29th

10:00	Harold Auradou	Aerotaxi, chemotaxi and hydrodynamic dispersion of bacteria
10:20	Sofía Angriman	Particle dynamics in turbulent flows
10:40	Nicolás Sujovolsky	Invariant manifolds in stratified turbulence
11:00	Samantha Kucher	Particle dynamics in turbulent flows
11:20	Verónica Raspa	The deformation of a flexible fiber settling in a quiescent viscous fluid
Break		
12:00	Mesa Redonda	
12:45	Cierre de Jornadas	