

# Workshop on Mathematical and Computational Problems of Incompressible Fluid Dynamics

IMPA, Rio de Janeiro, August 10 – 11, 2018

Room 228

Hour	Friday, 10		Hour	Saturday, 11	
10:20 - 11:00	S e s s i o n  1	<b>Rodrigo M. Pereira</b> (UFPE) <i>A multifractal model for the velocity gradients dynamics in turbulent flows</i>	09:00 - 09:40	S e s s i o n  4	<b>Giovani L. Vasconcelos</b> (UFPR) <i>Emergence of skewed non-Gaussian distributions of velocity increments in turbulence</i>
11:00 - 11:40		<b>Simon Thalabard</b> (IMPA) <i>Turbulence of generalized flows in two-dimensions</i>	09:40 - 10:20		<b>Helena Nussenzeig Lopes</b> (UFRJ) <i>TBA</i>
12:00-14:00	Lunch		10:20 - 11:00	Break	
14:00 - 14:40	S e s s i o n  2	<b>Marie Farge</b> (ENS) <i>Energy dissipation caused by boundary layer instability at vanishing viscosity. Part I</i>	11:00 - 11:40	S e s s i o n  5	<b>Andre Nachbin</b> (IMPA) <i>Walking droplets correlated at a distance</i>
14:40 - 15:20		<b>Kai Schneider</b> (Aix-Marseille Université) <i>Energy dissipation caused by boundary layer instability at vanishing viscosity. Part II</i>	11:40 - 12:20		<b>Alexei A. Mailybaev</b> (IMPA) <i>Explosive ripple instability due to incipient wave breaking</i>
15:20 - 16:00	Break				
16:00 - 16:40	S e s s i o n  3	<b>Ciro S. Campolina</b> (IMPA) <i>Chaotic blowup in the 3D incompressible Euler equations on a logarithmic lattice</i>			
16:40 - 17:20		<b>Luca Moriconi</b> (UFRJ) <i>The Onset of Intermittency in Stochastic Burgers Hydrodynamics</i>			