

First Joint Meeting Brazil – Italy in Mathematics
Session 19- "Control and Asymptotics of Nonlinear PDE Dynamics"

Tuesday Aug 30 -----9:00-12:00 (Morning: five talks, 25(+5) minutes long)

Eduard Feireisl CZ

On well/ill posedness of certain problems in fluid mechanics

Ma To Fu (T.F. Ma) BR

Wave equations with moving boundary

Piermarco Cannarsa IT

Multiplicative controllability for semilinear reaction-diffusion equations

Helene Frankowska FR

State constrained control problems in infinite dimension

Marccone Correa Pereira BR

Thin domains with concentrated reactions on boundary

Possible discussion

Tuesday Aug 30 ----17:30-20:00 (Afternoon: three talks, 25(+5) minutes long)

Alain Miranville FR

Cahn-Hilliard inpainting

Giulio Schimperna IT

On the fractional Cahn-Hilliard equation

Rodrigo Nunes Monteiro BR

Long-time dynamics of a full von Karman system with nonlinear thermal effects and partially dissipative free boundary conditions

Wednesday August 31----9:00-12:00 (Morning: six talks, 25(+5) minutes long)

Tomas Caraballo ES

Stability of stochastic delay evolution equations

Jaime E. Munhoz Rivera BR

(title-abstract missing)

Luciano Pandolfi IT

Control properties of Viscoelastic materials with large memory

Sergio Frigeri IT

Optimal control for some diffuse-interface models for binary fluids with nonlocal interaction

Cristina Pignotti IT

On the Cucker-Smale model with time delay

Marcelo Moreira Cavalcanti BR

Unilateral problem for the wave equation with spatial-time degenerate nonlinear damping: well-posedness and exponential stability

Closing