



Special Session 14 – “Control, Stability and Delay Effects in Real-Life Mathematical Models”

Building: Economia, 2nd floor

Room: Aula 3

Thursday, 10th September	
11:00 – 11:20	Valéria Neves Domingos Cavalcanti <i>Stability for wave models with time-dependent memory</i>
11:20 – 11:40	Fabio Camilli <i>Preserving Information: Kolmogorov Entropy of Numerical Conservation Laws</i>
11:40 – 12:00	Sarah Ismail <i>Mixed-Order Damping Strategies for Hybrid Flexible Beams</i>
12:00 – 12:20	Carlos Manuel Guzman Jimenez <i>Recent Advances on the Scattering Conjecture for Nonlinear Schrödinger Equations</i>
12:20 – 12:40	Marcelo Moreira Cavalcanti <i>Polynomial Stability of the Wave Equation with Pure Boundary Memory: a Frequency-Domain Approach</i>
12:40 – 13:00	Monica Motta <i>Higher-Order No-Gap Conditions in optimal impulsive control via Compatible Clarke Tangent and QDQ Approximating Cones</i>
Friday, 11th September	
8:30 – 8:50	Marco Cirant <i>Agent-based models and MFG with large discount</i>
8:50 – 9:10	Maria Rosario Astudillo Rojas <i>On the Asymptotic Behavior of Transmission Problems for the Wave Equation</i>
9:10 – 9:30	Ibtissam Issa <i>Time-delayed generalized Korteweg–de Vries–Burgers equation: well-posedness and exponential decay</i>
9:30 – 9:50	Wladimir Neves <i>Existence of Complementary and Variational Weak Solutions to Obstacle Problems for a Quasilinear Wave Equation</i>
9:50 – 10:10	Angela Monti <i>Z-Control for Exponential Consensus in High-Order Multi-Agent Systems</i>
10:10 – 10:30	Juan Bautista Limaco Ferrel <i>On Pareto and Nash equilibria for Boussinesq fluids with multiplicative controls</i>