

Seminars

Monday- Seminar 1

Ryan Hynd (University of Pennsylvania): "Hamilton-Jacobi Equations in the space of probability measures"

Wednesday- Seminar 2

Ray Yang (Courant Institute of Mathematical Sciences): "On higher order extensions for the fractional Laplacian"

Communications

Tuesday

Oscar Agudelo (Chinese University of Hong Kong): "Finite Morse Index Solutions to the Allen-Cahn Equation with multiple Catenoidal Ends in \mathbb{R}^3 "

Mousomi Bhakta (Technion-Israel Institute of Technology): "Reduced limit for semilinear boundary value problems with measure data"

Marta Canadell (Universitat de Barcelona): "Fast computational methods for whiskered tori and their invariant manifolds"

Thomas De Jong (VU Amsterdam / TU Eindhoven): "Modelling fungal hyphae growth with the thin viscous sheet equations"

Thursday morning

Silvius Klein (Universidade de Lisboa): "Positive Lyapunov exponents for higher dimensional quasiperiodic cocycles"

Luis López (Universidad de Chile & Université Aix-Marseille): “Rigidity results for phase transitions in the Heisenberg group”

Vito Mandorino (Université Paris-Sud 11): “Variational construction of unstable orbits for Hamiltonian polysystems”

Flora Sayas (Universidad Pública de Navarra): “Singular Reductions and Invariant Tori in the Three-Body Problem”

Thursday afternoon

Pantajali Sharma (Banasthali University): “On the Chaos in Highly nonlinear Oscillator”

Erwin Topp (Université Francois Rabelais – Tours): “Existence and uniqueness for integro-differential equations with dominating drift terms”

Vassil Tzanov (University of Bristol): “Quasi-periodic oscillations of a cable due to vertical excitation close to its second natural frequency”

Anna Wasieczko (AGH Univeristy of Science and Technology): “Topological proof of invariant manifolds for non-invertible maps, with application to the restricted three body problem”

Posters

Oswaldo Larreal (Universidad del Zulia): “An approach to the border of the acceptance”

Milena Matusik (University of Gdańsk): “Implicit difference schemes for parabolic functional differential equations”

Murat Olgun (Ankara University): “Jost Solution of the Matrix Difference Equations”

Elżbieta Puźniakowska-Gałuch (University of Gdańsk): “On existence of solutions for first order quasilinear functional differential equations”

Erwin Topp (Université Francois Rabelais): "Existence and uniqueness for integro-differential equations with dominating drift terms"

Vassil Tzanov (University of Bristol): "Bifurcation analysis of vertically excited cable close to its second natural frequency"

Seyhmus Yardimci (Ankara University): "Some Properties of Non-Selfadjoint Matrix Sturm-Liouville Operators"