

II Escola Brasileira de Equações Diferenciais AUDITÓRIO 3

| Hour | 23 - Monday | 24 - Tuesday | 25 - Wednesday | 26 - Thursday | 27 - Friday |
|----------------|---|---|---|--|---|
| 9:00 9:50 | Métodos Clássicos em Teoria do Potencial Augusto Ponce (MINI-COURSE) | Métodos Clássicos em Teoria do Potencial Augusto Ponce (MINI-COURSE) | Métodos Clássicos em Teoria do Potencial Augusto Ponce (MINI-COURSE) | Métodos Clássicos em Teoria do Potencial Augusto Ponce (MINI-COURSE) | Métodos Clássicos em Teoria do Potencial Augusto Ponce (MINI-COURSE) |
| 10:00 10:50 | On the Kadomtsev-Petviashvili Equations Jean-Claude Saut (MINI-COURSE) | On the Kadomtsev-Petviashvili Equations Jean-Claude Saut (MINI-COURSE) | On the Kadomtsev-Petviashvili Equations Jean-Claude Saut (MINI-COURSE) | On the Kadomtsev-Petviashvili Equations Jean-Claude Saut (MINI-COURSE) | On the Kadomtsev-Petviashvili Equations Jean-Claude Saut (MINI-COURSE) |
| 11:00 11:50 | Elements of Analytic Hypoellipticity Nicholas Hanges (MINI-COURSE) | Elements of Analytic Hypoellipticity Nicholas Hanges (MINI-COURSE) | Elements of Analytic Hypoellipticity Nicholas Hanges (MINI-COURSE) | Elements of Analytic Hypoellipticity Nicholas Hanges (MINI-COURSE) | Elements of Analytic Hypoellipticity Nicholas Hanges (MINI-COURSE) |
| 12:00 14:00 | L U N C H | | | | |
| | Opening – 13:45 | | | | |
| 14:00 14:50 | On Partial Differential Equations of Eletrostatic MEMS Devices Nassif Ghoussoub (PLENARY) | Identification of Immersed Obstacles via Boundary Measurements Otared Kavian (14:25hs – 14:55hs) | Some Extensions of the F. and M. Riesz theorem Jorge Hounie (14:25hs – 14:55hs) | POSTERS | FREE AFTERNOON |
| 15:00 15:30 | Assymmetric Elliptic Problem Jean-Pierre Gossez | Sobolev Estimates for the Neumann Operator Emil Straube | A New Completely Integrable System Carlos Tomei | Singular Elliptic Problems: Existence Non-Existence and Boundary Behavior José Valdo Gonçalves | |
| 15:35 16:05 | The Cauchy problem for the Kadomtsev-Petviashvili (KPII) equation in three space dimensions Pedro Isaza | Planar Incompressible Flow Around a Small Obstacle Helena Lopes | Asymptotic Issues Related to the 3D Incompressible Navier-Stokes Equations Ricardo Rosa | The Neumann Boundary Condition for the Infinit-Laplacian and the Monge-Kantarovich Mass Tranfer Problem for Measures Supported on Surfaces Julio Rossi | |
| 16:05 16:30 | C O F F E E | | | | |

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|------------------------|--|---|---|---|--|
| 16:30 17:00 | First Order Real Linear Partial Differential Operators Solvable On $C(\infty; \mathbb{R}^n)$ Ruidival dos Santos | The Cauchy problem for the Strovsy equation in spaces of low regularity Jorge Mejía | Existence and Multiplicity of Solutions for Singular Elliptic Problems Elves Silva | Positive Solutions to a Nonradial Supercritical Klein-Gordon Type Equations Sebastián Lorca | |
| 17:05 17:35 | Maximum Principle for Abstract CR Manifolds Caitlin Wang | On the well-posedness for the generalized Ostrovsky-Stepanyams-Tsimring equation Marcia Scialom | Principal Eigenvalues Periodic Parabolic Steklov Problems Tomas Godoy | Determination of Coefficients for a Dissipative Wave Equation via Boundary Measurements Rolci Cipolatti | |
| 17:40 18:10 | Subelliptic Multipliers Andreea Nicoara | Existence and orbital stability of cnoidal waves for a 1D Boussinesq equation Raul Quintero | Soluções periódicas para um sistema não-linear envolvendo um operador do tipo curvatura média Everaldo Medeiros | Homogeneous Optimal L_p -Sobolev Inequalities on Product Manifolds Marcos Montenegro | |

| Simultaneous Sessions | 23 – Monday Room 349 | 24 – Tuesday Room 232 | 25 – Wednesday Room 349 |
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| 16:30 17:00 | Existence of positive solutions for a class of quasilinear Schrodinger equations: the critical exponential case Olímpio Miyagaki | A Local Monotocity Formula for an Inhomogeneous Singular Perturbation Problem and Applications Noemi Wolanski | Recent Progress on Vortex Sheets Milton Lopes |
| 17:05 17:35 | Optimal Design Problems for the First Steklov Eigenvalue Júlian Fernandez | Blowup Stability of Solutions of the Nonlinear Heat Equation with a large life Span Flávio Dickstein | Optical decay rates for the semilinear plate equation with nonlinear locally distributed damping Marcelo Cavalcanti |
| 17:40 18:10 | Multiplicidade de Soluções Nodais para Problemas Semilineares Odair Paiva | Stable Equilibrium of a diffusion equation on convex domains induced by the dynamics on the boundary Arnaldo do Nascimento | Global Attractor and Non Homogeneous Equilibria for a Non Local Evolution Equation Antonio Pereira |