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Nonlinear PDE's @ IMPA

IMPA, Rio de Janeiro, Brazil
June 20 - 24, 2016

We hereby certify that, **Ademir Fernando Pazoto**, **Universidade Federal do Rio de Janeiro**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **"Stabilization of a Boussinesq system with generalized damping"**.

Rio de Janeiro, June 24th, 2016

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We hereby certify that, **Ademir Pastor Ferreira, IMECC**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Scattering for a 3D Coupled Nonlinear Schrodinger System**".

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We hereby certify that, **Boyan Slavchev Sirakov**, Pontifícia Universidade Católica do Rio de Janeiro, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: “**A Priori Bounds for Elliptic Inequalities via Regularity Estimates**”.

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We hereby certify that, **Claudio Munoz, Universidad de Chile**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Well-posedness for the Novikov-Veselov equation**".

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We hereby certify that, **Didier Jacques François Pilod**, Universidade Federal do Rio de Janeiro, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“Construction of a minimal mass blow up solution of the modified Benjamin-Ono equation”**.

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We hereby certify that, **Diego Ribeiro Moreira, Universidade Federal do Ceará**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Hopf-Oleinik Lemma and Applications**".

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We hereby certify that, **Edgard Almeida Pimentel**, **Universidade Federal de São Carlos**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **"A priori Sobolev regularity for fully nonlinear parabolic equations"**.

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We hereby certify that, **Emanuel Carneiro**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“On the regularity of maximal operators on BV spaces”**.

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We hereby certify that, **Erlend Briseid Storrøsten, Oslo University**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Error estimates for finite difference approximations of degenerate convection-diffusion equations**".

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We hereby certify that, **Gérman Eduardo Fonseca Buitrago**, **Universidad Nacional de Colombia**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Generalized Zakharov-Kuznetsov equation in anisotropic weighted Sobolev spaces**".

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We hereby certify that, **Gyula Csato**, **Universidad de Concepción**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“About the Hardy-Sobolev, Moser-Trudinger and isoperimetric inequalities with densities”**.

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We hereby certify that, **Jaime Angulo Pava**, Instituto de Matemática e Estatística, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Stability of Peak Solutions for NLS Equations with Point Interactions**".

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We hereby certify that, **Jean Carlos da Silva, Universidade Federal do Rio de Janeiro**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“On the almost periodic homogenization of non-linear scalar conservation laws”**.

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We hereby certify that, **Marcelo Moreira Cavalcanti**, **Universidade Estadual de Maringá**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“Unilateral Problem for the Wave Equation With Spatial-Time Degenerate Nonlinear Damping: Well-Posedness And Exponential Stability”**.

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We hereby certify that, **Miguel Angel Alejo Plana**, **Universidade Federal de Santa Catarina**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Stability of Breathers and Numerical Results**".

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We hereby certify that, **Moritz Reintjes**, **IMPA - Pós-Doutorando de Excelência**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **"Is Spacetime Locally Inertial for General Relativistic Shock Wave Solutions?"**.

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We hereby certify that, **Olivier Kneuss**, **Universidade Federal do Rio de Janeiro**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Nelson's conjecture revisited**".

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We hereby certify that, **Raimund Bürger, Universidad de Concepción**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **"A random sampling approach for a family of Temple-class systems of conservation laws"**.

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We hereby certify that, **Ricardo Alonso**, Pontifícia Universidade Católica do Rio de Janeiro, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **“Short introduction to one dimensional dissipative Boltzmann equation”**.

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We hereby certify that, **Stefan Berres, Universidad Católica de Temuco**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Identification of shock profile solutions for bidisperse suspensions**".

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We hereby certify that, **Wladimir Augusto das Neves**, Universidade Federal do Rio de Janeiro, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: **"Stochastic transport equation in bounded domains"**.

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We hereby certify that, **Yachun Li, Shanghai Jiao Tong University**, participated in the Nonlinear PDE's @ IMPA, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from June 20th to 24th, 2016 and presented the following work: "**Global Classical Solutions to the Cauchy Problem of Conservation Laws with Degenerate Diffusion**".

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