

International Conference on
Current Trends in Analysis & PDEs

IMPA, Rio de Janeiro, Brazil
August 17 - 21, 2015

Thematic Program
Current Trends in Analysis and Partial Differential Equations

CERTIFICATE

We hereby certify that, **Cilon Perusato, Universidade Federal do Rio Grande do Sul**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**Leray's problem for the incompressible Navier-Stokes equations in R^3** ”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Fernando Andrés Gallego Restrepo**, **Universidade Federal do Rio de Janeiro**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**Global well-posedness and exponential stability for the generalized Kdv-Burgers equation**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Francisco Sibério Bezerra Albuquerque**, **Universidade Estadual da Paraíba**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: **“An Elliptic Equation Involving Exponential Critical Growth in R^2 ”**

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Juliana Honda Lopes, IMECC**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**A study of a non-isothermal phase- field model for two incompressible fluids**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Juliana Sartori Ziebell**, **Fundação Universidade do Rio Grande**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: **“A supnorm estimate for one-dimensional porous medium equations with advection”**

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Julio Cesar Valencia Guevara, IMECC**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: **“Gradient flows of time-dependent functionals in metric spaces and applications in the Wasserstein space”**

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Leithold Louis Aurazo Alvarez, IMECC**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**Global well-posedness for the Navier-Stokes equation with the coriolis force in function spaces of Besov type**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Marcelo Carvalho Ferreira, Universidade Federal de Campina Grande**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**Multi-bump solutions for a class of quasilinear problems involving variable exponents**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Márcio Cavalcante de Melo**, **Universidade Federal do Rio de Janeiro**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**The initial-boundary value problem for some quadratic nonlinear schrödinger equations on the half-line**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Robert Henrique Rodrigues Guterres, Universidade Federal do Rio Grande do Sul**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**Calderón-Zygmund Applications in PDEs**”

Rio de Janeiro, August 21, 2015.



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We hereby certify that, **Thaícia Stona de Almeida, Instituto de Matemática e Estatística**, participated in the International Conference on Current Trends in Analysis and Partial Differential Equations – Thematic Program: Current Trends in Analysis and Partial Differential Equations, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from August 17 to 21, 2015 and presented the poster: “**The mathematics of equilibrium shapes: from geometric inequalities to the crystalline variational problem**”

Rio de Janeiro, August 21, 2015.



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