

VII

Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Abbas Moameni** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**A variational principle for problems in partial differential equations and Analysis**”.



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This is to certify that **Boyan Sirakov** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Uniform boundedness of positive solutions of the Lane-Emden equation in dimension two**”.



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VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Carlos Tomei** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Differential operators as functions**”.

João Pessoa, 24th February 2018

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CERTIFICATE

This is to certify that **Claudianor O. Alves** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Bifurcation properties for a class of fractional Laplacian equations in \mathbb{R}^N** ”.



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CERTIFICATE

This is to certify that **Cristina Tarsi** participated at the **VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Nonlocal Choquard-type equations in dimension 2**”.

João Pessoa, 24th February 2018

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This is to certify that **David Costa** participated at the **VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Recent Results on PDEs with Zero Mass**”.

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This is to certify that **Ederson Moreira dos Santos** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**On two equations modeling bridge oscillations**”.

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This is to certify that **Elves A. B. Silva** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**An elliptic equation with indefinite nonlinearities and exponential critical growth in R^2** ”.



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This is to certify that **Enea Parini** participated at the **VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Nonlinear higher-order eigenvalue problems: positivity of first eigenfunctions and validity of the Faber-Krahn inequality**”.

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This is to certify that **Enrique Fernández-Cara** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Some control and inverse problems with medical applications**”.



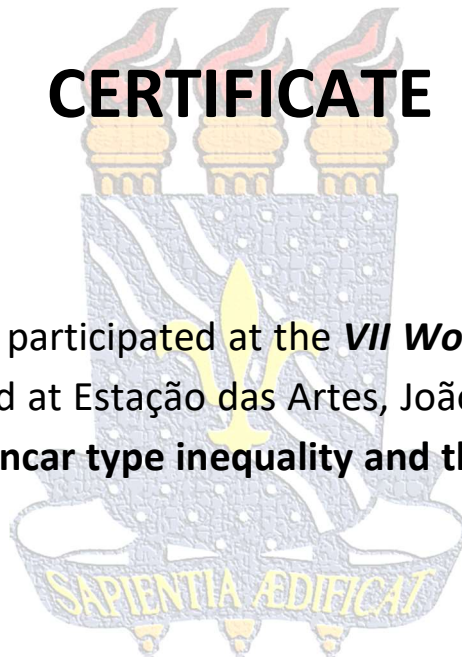
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This is to certify that **Ezequiel Barbosa** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**On a Poincar type inequality and the solution of the Sternberg-Zumbrun's conjecture**”.



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This is to certify that **Federica Sani** participated at the **VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Elliptic equations in R^2 with exponential growth**”.

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This is to certify that **Ilkka Holopainen** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Asymptotic Dirichlet and Plateau problems in Cartan-Hadamard manifolds**”.



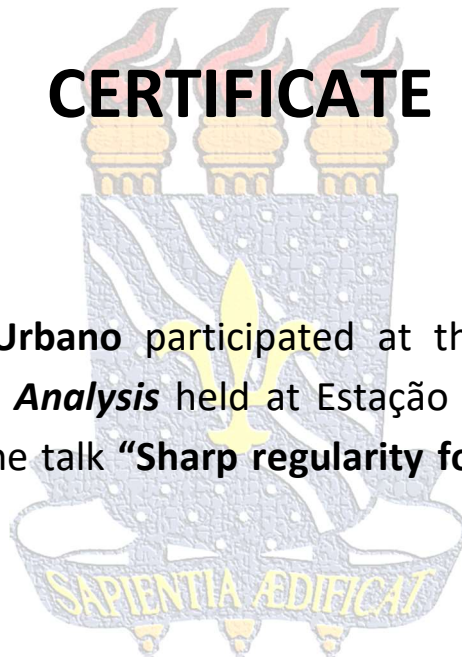
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This is to certify that **José Miguel Urbano** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Sharp regularity for the inhomogeneous porous medium equation**”.



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This is to certify that **Julio D. Rossi** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Games for PDEs with eigenvalues of the Hessian**”.

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This is to certify that **Lei Zhang** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Asymptotic Symmetry for Singular Yamabe Equation**”.

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This is to certify that **Liliane A. Maia** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Multiple positive solutions to a semilinear Dirichlet problem in an exterior domain**”.



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This is to certify that **Marta Calanchi** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Weighted Trudinger-Moser inequalities and associated Liouville type equations**”.



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This is to certify that **Paolo Piccione** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Existence of multiple solutions for the van derWaals-Allen-Cahn equation**”.



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This is to certify that **Sylvain Ervedoza** participated at the ***VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis*** held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk “**Minimal time issues for Grushin type equations**”.

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