



## CERTIFICATE

This is to certify that **Abbas Moameni** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**A new variational principle, convexity and supercritical variational problems**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Abiel Costa Macedo** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Local minimizers over the Nehari manifold for a class of concave-convex problems with sign changing nonlinearity**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Ademir Pastor** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Solitary waves for a nonlocal model**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Adilson Eduardo Presoto** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Invertibility of nonsmooth mappings**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Alysson Cunha** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**The IVP for the Benjamin-Ono-Zakharov-Kuznetsov equation in low regularity Sobolev spaces**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Andrzej Szulkin** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Some weakly coercive quasilinear problems with forcing**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Anna Maria Micheletti** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Blow up solutions for Yamabe type problems on Riemannian manifolds with boundary**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Benedetta Pellacci** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Oscillating Solutions for nonlinear Helmholtz Equations**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Bernhar Ruf** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**On the Trudinger-Moser inequality for fractional Sobolev spaces**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Boyan Sirakov** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Optimal boundary Harnack estimates and a priori bounds for elliptic inequalities**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Bruno Ribeiro** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Quasilinear elliptic equations with jumping nonlinearities in critical growth range**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Camilo Campana** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Boundary value problems for a class of planar complex vector fields**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Carlo Pagani** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Concentration along geodesics for a nonlinear Steklov problem arising in corrosion modelling**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Carlos Alberto Santos** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Some results of existence of solutions to a quasilinear defocusing Schrödinger equation**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Claudia Santana** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Standing waves for a system of Schrödinger equations in  $\mathbb{R}^N$  involving fractional laplacian**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Claudianor Alves** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Existence of heteroclinic solution for a double well potential equation in an infinite cylinder of  $\mathbb{R}^N$** ”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Claudiney Goulart** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Critical quasilinear elliptic problems using concave-convex nonlinearities**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Cristina Tarsi** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Sharp Sobolev-Lorentz embeddings and Hardy inequality**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Dania González Morales** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence of positive solutions of quasi-linear elliptic equations with gradient terms**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Daniele Cassani** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Nonlocal Schrödinger equations with H-L-S critical exponents**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **David Costa** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “ **$D^{1,2}(\mathbb{R}^N)$  versus  $C(\mathbb{R}^N)$  Local Minimizer on Manifolds and Multiple Solutions for Zero-Mass Equations in  $\mathbb{R}^N$** ”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Denis Bonheure** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Stability of ground state and renormalized solutions to mixed dispersion Schrödinger equations**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Diego Ferraz de Souza** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Nonlocal Schrödinger-Poisson systems with critical oscillatory growth**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Djairo Guedes deFigueiredo** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Ground state solutions of Hamiltonian system in dimension 2**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Edgard Pimentel** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Regularity theory for the Isaacs equations: an approximation method**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Elide Terraneo** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**A nonlinear heat equation with exponential nonlinearity in  $\mathbb{R}^2$** ”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Elisandra Gloss** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**On a class of quasilinear Schrödinger equations with superlinear or asymptotically linear terms**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Elson Leal de Moura** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**A note on existence of a bound state when there is no ground state for a nonlinear scalar field equation**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Elves Alves Barros e Silva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**A Landesman-Lazer local condition for semilinear elliptic problems**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Esteban Pereira da Silva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Some results for a class of quasilinear elliptic equations with singular nonlinearity**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Eudes Barboza** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Hénon type equations with jumping nonlinearities involving critical growth**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Eugênio Massa** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Existence, nonexistence and multiplicity of positive solutions for the poly-Laplacian and nonlinearities with zeros**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Ezequiel Barbosa** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**On a Poincaré type inequality and the Sternberg-Zumbrun’s conjecture**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Federica Sani** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Adams' inequality (with the exact growth condition)**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Filippo Gazzola** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**A minimaxmax problem for improving the torsional stability of rectangular plates**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Filomena Pacella** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Positive solutions of Lane Emden problems in dimension 2 and uniqueness in convex domains**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Flávio Cruz** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence of radial graphs with prescribed curvature and boundary**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Francisco Odair de Paiva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**A nonhomogeneous semilinear elliptic equation**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Futoshi Takahashi** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Critical and subcritical fractional Trudinger-Moser type inequalities on  $\mathbb{R}$** ”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Giovany Figueiredo** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Existence of bounded variation solutions for a 1-Laplacian problem with vanishing potentials**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Gustavo F. Madeira** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Multiple positive solutions for a nonlocal problem from population genetics**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Henrique Zanata** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**On a Kirchhoff type equation with critical exponential growth in  $\mathbb{R}^2$** ”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Jean-Pierre Gossez** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Elliptic problems with a gradient term**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Jefferson Abrantes dos Santos** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Multiple solutions for an inclusion quasilinear problem with non-homogeneous boundary condition through Orlicz Sobolev spaces**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Jefferson dos Santos e Silva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence of nontrivial solutions for the quasilinear Schorödinger equation with subcritical growth**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Jiazheng Zhou** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Necessary and sufficient conditions for existence of Blow-up solutions for elliptic problems in Orlicz-Sobolev spaces**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **José Carlos de Albuquerque Melo Júnior** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Positive ground states for a class of superlinear  $(p,q)$ -Laplacian coupled systems involving Schrödinger equations**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **José Carlos Oliveira Júnior** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**A non periodic and asymptotically linear indefinite variational problem in  $\mathbb{R}^N$** ”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **José Miguel Mendoza Aranda** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster "**Existence of solutions for a nonhomogeneous semilinear elliptic equation**".

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Julian Bonder** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Fractional order Orlicz-Sobolev spaces and applications**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Julio Daniel Rossi** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Concave-convex problems refuse to die**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Kaye Silva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Analysis of branches of positive solutions for a quasilinear problem under the Nehari manifold method**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Laís Moreira** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence and multiplicity of positive solutions for a class of singular and nonlocal quasilinear problems**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Lucas Ferreira** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Self-similarity and time-weighted estimates for wave equations with singular potentials**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Lucio Boccardo** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Some results about critical points (minima, saddle points) of some integral functionals**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Marcelo C. Ferreira** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence of nontrivial solutions for a Kirchhoff-Schrödinger type equation in  $\mathbb{R}^4$  with critical growth**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Marcos L. M. Carvalho** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**A type of Brézis-Oswald problem to Phi-Laplacian operator in the presence of singular terms**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Marcos Tadeu de Oliveira Pimenta** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**On existence and concentration of solutions to a class of quasilinear problems involving the 1-Laplace operator**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Maria Esteban** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Uniqueness and symmetry results for nonlinear elliptic PDEs obtained with the help of linear and nonlinear flows**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Marta Calanchi** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Global folds between Banach spaces (as perturbations)**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Maxwell Lizete da Silva** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence of solution for a generalized quasilinear elliptic problem**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Michinori Ishiwata** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**On the time-global bounds of Sobolev norms of global solutions of parabolic equation involving critical Sobolev exponent**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Monica Clapp** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Existence of a positive solution to a nonlinear scalar field equation with zero mass at infinity**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Nataliia Goloshchapova** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Instability of excited states of the nonlinear Schrödinger equation (NLS) with delta-interaction on a star graph**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Noemi Wolanski** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Long time behavior of the solution of the Dirichlet problem for the porous medium equation in exterior domains**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Olímpio Miyagaki** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**On a class of supercritical elliptic problem in hyberbolic space**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Pawan Kumar Mishra** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Fractional Kirchhoff problem with critical indefinite nonlinearity**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Pedro Ubilla** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**On a class of Kirchhoff elliptic equations involving critical growth and vanishing potentials**”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Raquel Lehrer** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Concentration of positive solutions for a saturable coupled Schrödinger system**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Rayssa Caju** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Isolated singularities of solutions for a critical elliptic system**”.

Brasília, 8th September 2017

  
Liliâne de Almeida Maia



## CERTIFICATE

This is to certify that **Rodrigo G. Clemente** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**On Lane-Emden systems with singular nonlinearities and applications to MEMS**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Rosangela Teixeira Guedes** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Bifurcation of an Equation of Nonlocal Evolution restricted to space  $L^2(T^N)$** ”.

Brasília, 8th September 2017

  
Liliane de Almeida Maia



## CERTIFICATE

This is to certify that **Sérgio Henrique Monari Soares** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Harnack type inequality revisited: application to a free boundary problem in Orlicz-Sobolev spaces**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Thiago Rodrigues Cavalcante** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Multiplicity of solutions to fourth-order superlinear elliptic problems under Navier conditions**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Thiago W. S. Ramos** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the poster “**Existence and uniqueness solution of  $p(x)$ -Laplacian operator for a singular-convex elliptic problem**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia



## CERTIFICATE

This is to certify that **Vieri Benci** participated at the *X Workshop on Nonlinear Differential Equations* held at University of Brasília, Brasília-DF, Brazil, from September 4 to 8, 2017, presenting the talk “**Variational Methods for Singular Problems**”.

Brasília, 8th September 2017

  
Liliame de Almeida Maia