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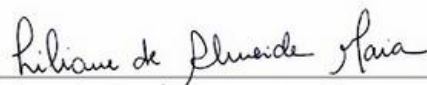
Alberto Saldaña

participated and delivered the lecture

**Applications of the logarithmic Laplacian in the analysis of fractional
problems**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
Brasília-DF, Brazil, from 11 to 15 September, 2023.

Brasília, September 15, 2023.



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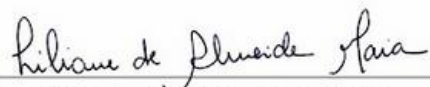
Alexander Quass

participated and delivered the lecture

Large harmonic functions for fully nonlinear fractional operators

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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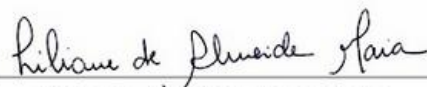
Benedetta Pellacci

participated and delivered the lecture

Spectral optimization for weighted anisotropic problems

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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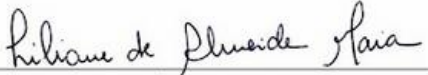
This is to certify that

Bernhard Ruf

participated and delivered the lecture
On an inequality of Bliss–Moser type

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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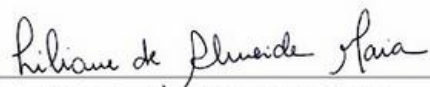
Boyan Sirakov

participated and delivered the lecture

Uniform a priori estimates for the Lane--Emden system in the plane

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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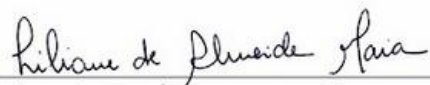
Cristina Tarsi

participated and delivered the lecture

**Mass weighted Trudinger-Moser type inequalities on the plane and
applications**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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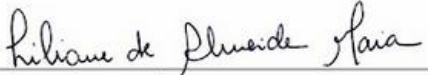
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Damião Araújo

participated and delivered the lecture
Infinity Laplacian equations with singular absorptions

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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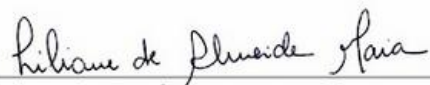
Daniele Cassani

participated and delivered the lecture

**Maximum principle for higher order operators in general domains and any
dimension**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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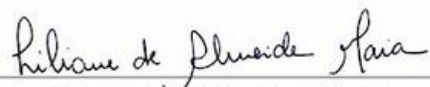
David Costa

participated and delivered the lecture

On Radially Elliptic Equations with Critical Nonlinearities in R^2

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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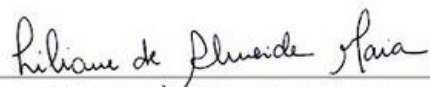
Delia Schiera

participated and delivered the lecture

**Existence of solutions on the critical hyperbola for a pure Lane-Emden
system with Neumann boundary conditions**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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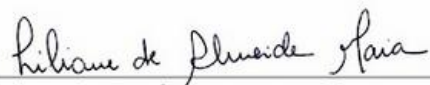
Éderson Moreira dos Santos

participated and delivered the lecture

Spectral partition problems with volume and inclusion constraints

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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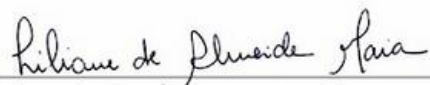
Eduardo Teixeira

participated and delivered the lecture

The Bernoulli problem with unbounded jumps

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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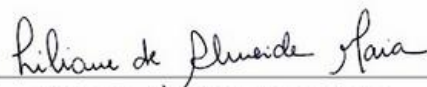
Elide Terraneo

participated and delivered the lecture

Non-uniqueness for critical heat equations in two dimensions

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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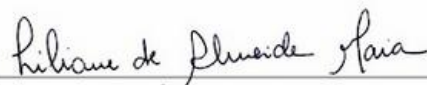
Enea Parini

participated and delivered the lecture

**Uniqueness of least energy solutions of the fractional Lane-Emden
equation in the ball**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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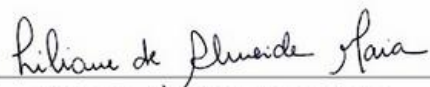
Erwin Topp

participated and delivered the lecture

A nonlocal version of the inverse problem of Donsker and Varadhan

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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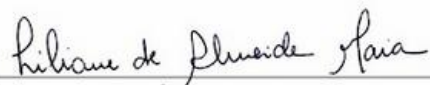
Eugenio Massa

participated and delivered the lecture

**Concave-convex behavior for a (stationary) Kirchhoff equation with
degenerate and nonautonomous nonlocal coefficient**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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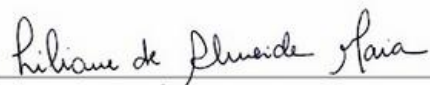
Everaldo Souto Medeiros

participated and delivered the lecture

**On a Hardy-Sobolev type inequality in the upper-half space and its
applications**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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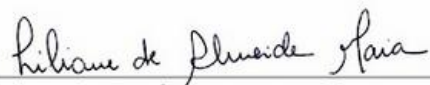
Federica Sani

participated and delivered the lecture

Extremal functions for Adams inequalities with Navier boundary conditions

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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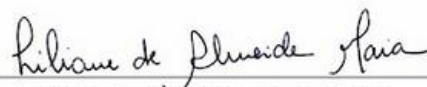
Filomena Pacella

participated and delivered the lecture

Energy stability for semilinear elliptic problems

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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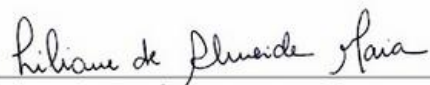
Gabrielle Saller Nornberg

participated and delivered the lecture

Classification for fully nonlinear equations with Hardy potential

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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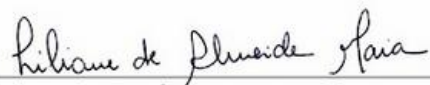
Gaetano Siciliano

participated and delivered the lecture

**Critical points under the energy constraint: existence and bifurcation
results**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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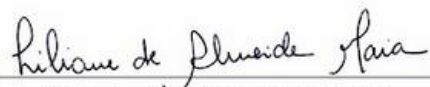
Giulio Romani

participated and delivered the lecture

**Nonlocal planar Schrödinger-Poisson systems in the fractional Sobolev
limiting case**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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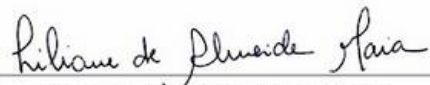
Jesse Ratzkin

participated and delivered the lecture

Gluing constructions of singular constant Q-curvature metrics

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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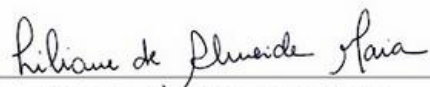
João Henrique Andrade

participated and delivered the lecture

**Classification results for critical sixth order PDEs with applications to
conformal geometry**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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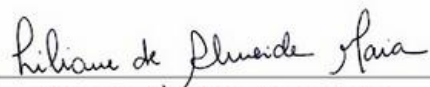
Juan D'Avila

participated and delivered the lecture

An overdetermined elliptic problem in the theory of water waves

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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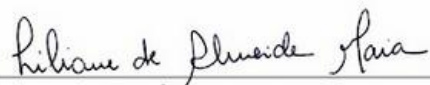
Julian Fernandez Bonder

participated and delivered the lecture

**Integro-differential equations in Orlicz spaces: some recent results and
open problems**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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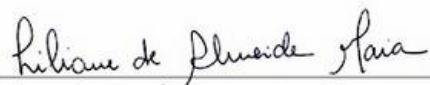
Juliana Fernandes

participated and delivered the lecture

The Nehari manifold for a degenerate logistic parabolic equation

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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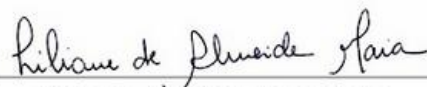
Juliana Honda Lopes

participated and delivered the lecture

**Existence of weak solutions for a nonhomogeneous incompressible cell-
fluid Navier-Stokes model with chemotaxis**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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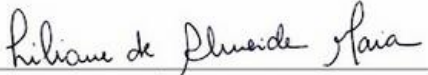
This is to certify that

Julio Daniel Rossi

participated and delivered the lecture
Convex functions and PDEs

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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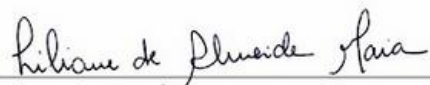
Leonello Iturriaga

participated and delivered the lecture

Semilinear elliptic equations involving nonlinearities with zeros

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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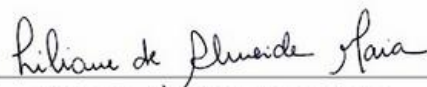
Lucas Ferreira

participated and delivered the lecture

**On a localization-in-frequency approach for a class of elliptic problems with
singular boundary data**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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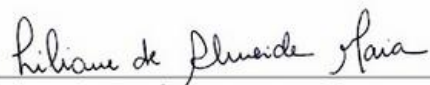
Marcos Pimenta

participated and delivered the lecture

**On a quasilinear elliptic problem involving the 1-laplacian operator and a
discontinuous nonlinearity**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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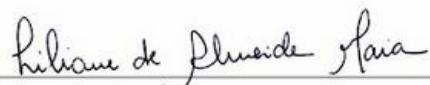
Marta Calanchi

participated and delivered the lecture

Remarks on singularity theory and geometry of some elliptic equations

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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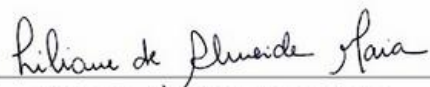
Massimo Grossi

participated and delivered the lecture

**Critical points of semi-stable solutions of Laplace-Beltrami operator on
surfaces**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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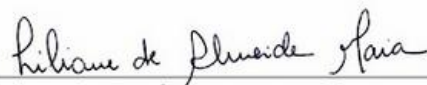
Mayra Soares

participated and delivered the lecture

**Energy Estimates and Multiplicity of Seminodal Solutions to an Elliptic
System with Mixed Couplings**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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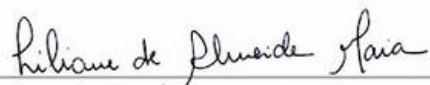
Olímpio Miyagaki

participated and delivered the lecture

On a class of fractional Hamiltonian system involving critical growth

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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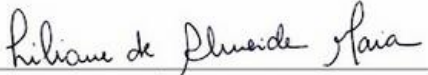
This is to certify that

Paolo Piccione

participated and delivered the lecture
Invariant Minimal Surfaces via Global Bifurcation

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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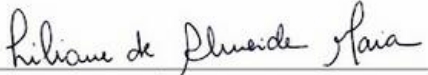
This is to certify that

Pedro Ubilla

participated and delivered the lecture
Some Superlinear Elliptic Problems

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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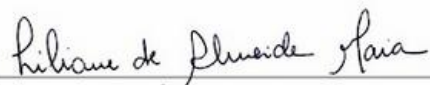
Sergio Henrique Monari Soares

participated and delivered the lecture

**Semilinear elliptic problems in $\mathbb{R}^N$: the interplay between the potential
and the nonlinear term**

in the XII Workshop On Nonlinear Differential Equations, held at University of Brasília,
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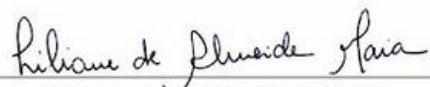
Stefano Nardulli

participated and delivered the lecture

**Lusternik-Schnirelman and Morse theory for the Van der Waals-Cahn-
Hilliard equation and system with volume constraint**

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