DAY	HOUR	NAME	SURNAME	TITLE
SEPTEMBER 11, 2023				
Monday	09h00	Filomena	PACELLA	Energy stability for semilinear elliptic problems
Monday	09h45	Daniele	CASSANI	Maximum principle for higher order operators in general domains and any dimension
Monday	10h50	David	COSTA	On Radially Elliptic Equations with Critical Nonlinearities in R^2
Monday	11h35	Julian Fernandez	BONDER	Integro-differential equations in Orlicz spaces: some recent results and open problems.
Monday	14h00	Sergio Henrique Monari	SOARES	Semilinear elliptic problems in R^N: the interplay between the potential and the nonlinear term
Monday	14h45	Gabrielle Saller	NORNBERG	Classification for fully nonlinear equations with Hardy potential
Monday	15h30	Delia	SCHIERA	Existence of solutions on the critical hyperbola for a pure Lane-Emden system with Neumann boundary conditions
Monday	16h40	Enea	PARINI	Uniqueness of least energy solutions of the fractional Lane-Emden equation in the ball
Monday	17h25	Eugenio	MASSA	Concave-convex behavior for a (stationary) Kirchhoff equation with degenerate and nonautonomous nonlocal coefficient

DAY	HOUR	NAME	SURNAME	TITLE
SEPTEMBER 12, 2023				
Tuesday	09h00	Damião	ARAÚJO	Infinity Laplacian equations with singular absorptions
Tuesday	09h45	Eduardo	TEIXEIRA	The Bernoulli problem with unbounded jumps
Tuesday	10h50	Cristina	TARSI	Mass weighted Trudinger-Moser type inequalities on the plane and applications
Tuesday	11h35	Olímpio	MIYAGAKI	On a class of fractional Hamiltonian system involving critical growth
Tuesday	14h00	Leonello	ITURRIAGA	Semilinear elliptic equations involving nonlinearities with zeros
Tuesday	14h45	Jesse	RATZKIN	Gluing constructions of singular constant Q-curvature metrics
Tuesday	15h30	Elide	TERRANEO	Non-uniqueness for critical heat equations in two dimensions
Tuesday	16h40	Marcos	PIMENTA	On a quasilinear elliptic problem involving the 1-laplacian operator and a discontinuous nonlinearity
Tuesday	17h25	Juliana Honda	LOPES	Existence of weak solutions for a nonhomogeneous incompressible cell-fluidNavier-Stokes model with chemotaxis

XII
Workshop on Nonlinear
Differential Equations

Universidade de Brasília, UNB

DAY	HOUR	NAME	SURNAME	TITLE
SEPTEMBER 13, 2023				
Wednesday	09h00	Marta	CALANCHI	Remarks on singularity theory and geometry of some elliptic equations
Wednesday	09h45	Alexander	QUASS	Large harmonic functions for fully nonlinear fractional operators
Wednesday	10h50	Benedetta	PELLACCI	Spectral optimization for weighted anisotropic problems
Wednesday	11h35	Éderson Moreia dos	SANTOS	Spectral partition problems with volume and inclusion constraints
Wednesday	14h00	Juliana	FERNANDES	Sturm property for scalar reaction-diffusion equations
Wednesday	14h45	Pedro	UBILLA	Some Superlinear Elliptic Problems

DAY	HOUR	NAME	SURNAME	TITLE
SEPTEMBER 14, 2023				
Thursday	09h00	Massimo	GROSSI	Critical points of semi-stable solutions of Laplace-Beltrami operator on surfaces
Thursday	09h45	Juan	D'AVILA	An overdetermined elliptic problem in the theory of water waves
Thursday	10h50	Boyan	SIRAKOV	Uniform a priori estimates for the Lane–Emden system in the plane
Thursday	11h35	Alberto	SALDAÑA	Applications of the logarithmic Laplacian in the analysis of fractional problems
Thursday	14h00	Lucas	FERREIRA	On a localization-in-frequency approach for a class of elliptic problems with singular boundary data
Thursday	14h45	Everaldo Souto	MEDEIROS	On a Hardy-Sobolev type inequality in the upper-half space and its applications
Thursday	15h30	Giulio	ROMANI	Nonlocal planar Schrödinger-Poisson systems in the fractional Sobolev limiting case
Thursday	16h40	Erwin	TOPP	A nonlocal version of the inverse problem of Donsker and Varadhan
Thursday	17h25	Gaetano	SICILIANO	Critical points under the energy constraint: existence and bifurcation results

XII
Workshop on Nonlinear Differential Equations

Universidade de Brasília, UNB

DAY	HOUR	NAME	SURNAME	TITLE
SEPTEMBER 15, 2023				
Friday	09h00	Julio Daniel	ROSSI	Convex functions and PDEs
Friday	09h45	Bernhard	RUF	On an inequality of Bliss-Moser type
Friday	10h50	Federica	SANI	Extremal functions for Adams inequalities with Navier boundary conditions
Friday	11h35	João Henrique	ANDRADE	Classification results for critical sixth order PDEs with applications to conformal geometry
Friday	14h00	Mayra	SOARES	Energy Estimates and Multiplicity of Seminodal Solutions to an Elliptic System with Mixed Couplings
Friday	14h45	Stefano	NARDULLI	Lusternik-Schnirelman and Morse theory for the Van der Waals-Cahn-Hilliard equation and system with volume constraint
Friday	15h30	Paolo	PICCIONE	Invariant Minimal Surfaces via Global Bifurcation

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