

Two Nonlinear Days in Perugia

on the occasion of Patrizia Pucci's 65th birthday

Dipartimento di Matematica e Informatica
Aula A3

Thursday, January 11th

9.00-9.15 **Opening.**

9.15-9.50 **Vicențiu D. Rădulescu:** *Small and high perturbations of nonhomogeneous elliptic problems.*

9.50-10.25 **Anna Maria Candela:** *Multiple solutions for some supercritical problems.*

10.25-11.00 **Coffee break.**

11.00-11.35 **Stella Vernier Piro:** *Hölder regularity for bounded solutions to anisotropic equations.*

11.35-12.10 **Monica Marras:** *Lifespan for solutions to 4-th order hyperbolic systems.*

12.10-14.30 **Lunch.**

14.30-15.05 **Raffaella Servadei:** *Topological methods for fractional critical equations.*

15.05-15.40 **Federico Cluni:** *Analysis of the nonlocal elastic rod by means of the Fractional Laplacian operator.*

15.40-16.10 **Coffee break.**

16.10-16.45 **Alessio Fiscella:** *Recent results and open questions on fractional Kirchhoff problems involving singular terms.*

16.45-17.20 **Sara Saldi:** *Asymptotic stability for nonlinear damped Kirchhoff systems involving the fractional p -Laplacian operator.*

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Friday, January 12th

9.00-9.35 **Paolo Marcellini:** *Elliptic and parabolic equations under general and p, q growth conditions.*

9.35-10.10 **Xu Runzhang:** *The initial-boundary value problems for sixth order nonlinear wave equation.*

10.10-10.40 **Coffee break.**

11.40-11.15 **Giovanni Molica Bisci:** *A group-theoretical approach for nonlinear Schrödinger equations.*

11.15-11.50 **Maicol Caponi:** *Hyperbolic systems in domains with growing cracks.*

11.50-12.25 **Paolo Antonini:** *The injectivity radius of Lie Manifolds.*

12.25-14.30 **Lunch.**

14.30-15.05 **Luciano Mari:** *Bernstein theorems for graphs with prescribed mean curvature.*

15.05-15.40 **Francesca Colasuonno:** *Radial solutions to p -Laplacian Neumann problems.*

15.40-16.10 **Coffee break.**

16.10-16.45 **Roberta Filippucci:** *Nonexistence results for parabolic inequalities.*

16.45-17.20 **Enzo Vitillaro:** *On the the wave equation with hyperbolic dynamical boundary conditions, interior and boundary damping and sources.*

17.20 **Closing.**