

INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS

Mini-symposium: Nonlinear Differential Equations and Related Applications

PROGRAM

FRIDAY, 25 OCTOBER 2024	
Chairperson Beatrice Di Bella	
17:00 – 17:20	Andrei Perjan, <i>Convergence estimates for solutions to the singularly perturbed semilinear problems of hyperbolic-parabolic type.</i>
17:30 – 17:50	Giuseppina Barletta, <i>Existence results for nonlinear elliptic equations, via the sub and supersolutions method.</i>
18:00 – 18:20	Pasquale Candito, <i>A survey about the existence of two positive solutions for parametric singular p-Laplacian type problems.</i>
18:30 – 18:50	Elisabetta Tornatore, <i>Degenerate Dirichlet problems with unbounded coefficient and convection term.</i>

SATURDAY, 26 OCTOBER 2024	
Chairperson Valeria Morabito	
11:00 – 11:20	Bruno Vassallo, <i>Multiple solutions to a Sturm-Liouville problem with highly discontinuous reaction term and periodic boundary conditions.</i>
11:30 – 11:50	Antonia Chinnì, <i>On a class of problems involving the $p(\cdot)$-biharmonic operator.</i>
12:00 – 12:20	Giuseppe Failla, <i>Multiple solutions for nonlocal problems involving the $p(x)$-Laplacian operator.</i>
12:30 – 12:50	Beatrice Di Bella, <i>Variational approach to some boundary value problems involving the p-biharmonic operator.</i>