2nd JOINT MEETING BRAZIL-ITALY IN MATHEMATICS — MESSINA 2026

Unione Matematica Italiana · SBM Sociedade Brasileira de Matemática · SIMAI Società Italiana di Matematica Applicata e Industriale · SBMAC Sociedade Brasileira de Matemática Aplicada e Computacional · Università degli Studi di Messina

Special Session SS2 - "Continuous Optimization and Related Areas"

Building: Economia **Room: Aula Magna 1**

Thursday, 10 September	
11:00 – 11:20	Marco Locatelli *Hidden convexity in speed planning problems along a given path*
11:20 – 11:40	Laura Palagi *Selecting features in nonlinear SVM: MINLP formulation, convex MIQP relaxations and training algorithms*
11:40 – 12:00	Luis Felipe Bueno *A Jacobi-type Newton method for Nash equilibrium problems with descent guarantees*
12:00 – 12:20	Benedetta Morini *An Objective Function Free Trust-Region Framework for Decentralized Optimization*
12:20 – 12:40	Valentina De Simone *Low-Dimensional Acceleration Strategies for Gradient Methods*
14:30 – 14:50	Francisco Facchinei *Ghost penalties and stochastic programmin*
14:50 – 15:10	Silvia Villa *The zeroth order proximal algorithm*
15:10 – 15:30	Majela Pentón Machado *Inertial proximal point methods with degenerate preconditioning*
15:30 – 15:50	Alfredo Iusem *On circumcentered direct methods for monotone variational inequality problems*
15:50 – 16:10	Di Liu *A Finitely Convergent Circumcenter Method for the Convex Feasibility Problem*
16:10 – 16:30	Roger Behling *The Method of Ellipcenters for Strongly Convex Minimization*