

PROGRAM OF THE MINI-COURSES 2025

30 June – 4 July

Mini-courses are in boldface

Monday 30 June	Room P4
9.05 – 9.15	Welcome message
9.15 – 10.00	Angela Pistoia - Sapienza Università di Roma, Italy, <i>Generic properties of eigenvalues and other geometric functionals</i>
10.15 – 11.00	Máté Wierdl – The University of Memphis, USA, <i>Basecamp for ergodic theorems along subsequences</i>
11.00 – 11.30	Coffee Break
11.30 – 12.10	Giuseppina Di Blasio, Università della Campania, Caserta, Italy, <i>Some extensions of the Leray-Trudinger inequality</i>
Lunch	
15.00 – 15.30	Sabrina Caputo, Università degli Studi di Bari, Italy, <i>Partially concentrating solutions for systems with Lotka-Volterra type interactions</i>
15.40 – 16.10	Daniela Di Donato, Università degli Studi di Pavia, Italy, <i>Rectifiability in Carnot groups</i>
16.20 – 16.50	Luigi Provenzano, Sapienza Università di Roma, Italy, <i>Uniqueness of the critical point of semi-stable solutions on model spaces</i>
17.00 – 17.30	Giuseppe Maria Rago, Università degli Studi di Bari, Italy, <i>Multi-bubble solutions for the Brezis-Nirenberg problem in four dimensions</i>
17.40 – 18.10	Ivan Yuri Violo, Università degli Studi di Pisa, Italy, <i>Counting nodal domains of eigenfunctions in non-smooth setting</i>

Tuesday 1 July	Room P4
9.15 – 10.00	Angela Pistoia - Sapienza Università di Roma, Italy, <i>Generic properties of eigenvalues and other geometric functionals</i>
10.15 – 11.00	Máté Wierdl – The University of Memphis, USA, <i>Basecamp for ergodic theorems along subsequences</i>
11.00 – 11.30	Coffee Break
11.30 – 12.10	Sergiy Plaksa, Institute of Mathematics of the National Academy of Sciences of Ukraine, <i>An analog of the Hille theorem for functions given in a finite-dimensional commutative algebra</i>
12.20 – 13.00	Sergei Rogosin and Maryna Dubatovskaya, Belarusian State University, Belarus, <i>On analytic properties of a generalization of the Mittag-Leffler and Le Roy functions</i>
Lunch	
15.00 – 15.30	Sivashankar Balakrishnan, Indian Institute of Technology Madras, India, <i>Convexity on manifolds without focal points and spectrum of the Laplacian</i>

15.40 – 16.10	Francesco Bozzola, Università degli Studi di Genova, Italy, <i>Capacitary inradius and Poincare-Sobolev inequalities</i>
16.20 – 16.50	Lorenzo Carletti, Université Libre de Bruxelles, Belgium, <i>The optimal constant for the critical Sobolev inequality of higher order on manifolds</i>
17.00 – 17.30	Douadi Drihem, M'sila University, Algeria, <i>Nemytzkij operators on weighted function spaces</i>
17.40 – 18.10	Paolo Luzzini, Università del Piemonte Orientale, Italy, <i>Blow-up and unique continuation for the Grushin Laplacian</i>

Wednesday 2 July	Room P4
9.15 – 10.00	Angela Pistoia - Sapienza Università di Roma, Italy, <i>Generic properties of eigenvalues and other geometric functionals</i>
10.15 – 11.00	Máté Wierdl – The University of Memphis, USA, <i>Basecamp for ergodic theorems along subsequences</i>
11.00 – 11.30	Coffee Break
11.30 – 12.30	Olaf Post , Universität Trier, Germany, <i>Norm convergence of operators acting in different spaces: concepts and examples</i>
Lunch	
15.30 – 17.30	Excursion: Visit Palazzo Bo'. Meeting in room P4 at 15.30 .
20.00 –	Social Dinner

Thursday 3 July	Room P4
9.15 – 10.00	Angela Pistoia - Sapienza Università di Roma, Italy, <i>Generic properties of eigenvalues and other geometric functionals</i>
10.15 – 11.00	Máté Wierdl – The University of Memphis, USA, <i>Basecamp for ergodic theorems along subsequences</i>
11.00 – 11.30	Coffee Break
11.30 – 12.30	Olaf Post , Universität Trier, Germany, <i>Norm convergence of operators acting in different spaces: concepts and examples</i>
Lunch	
15.00 – 15.45	Olaf Post , Universität Trier, Germany, <i>Norm convergence of operators acting in different spaces: concepts and examples</i>
16.00 – 16.30	Francesco Ferraresso, Università degli Studi di Verona, Italy, <i>Steklov dual eigenvalues and the Babuska paradox</i>
16.40 – 17.10	Michele Zaccaron, Institut Fresnel, Aix-Marseille Université, France, <i>Bending and twisting of electromagnetic waveguides</i>

Friday 4 July	Room P4
9.15 – 10.00	Angela Pistoia - Sapienza Università di Roma, Italy, <i>Generic properties of eigenvalues and other geometric functionals</i>
10.15 – 11.00	Máté Wierdl – The University of Memphis, USA, <i>Basecamp for ergodic theorems along subsequences</i>
11.00 – 11.30	Coffee break

11.30 – 12.30	Olaf Post , <i>Universität Trier, Germany, Norm convergence of operators acting in different spaces: concepts and examples</i>
12.35 – 13.15	Mirela Kohr , <i>Babeş-Bolyai University, Cluj-Napoca, Romania, Invertibility of a modified Stokes operator and of its layer potential operators on domains with cylindrical ends</i>

VENUE: Mini-courses will be held in **Room P4, located on the 2nd floor of Edificio Paolotti, Via Paolotti 2/a**. How to reach room P4 from the entrance of the Department of Mathematics (Via Trieste 63): exit tower A (which carries the street no. 63), reach the cross road which you see just before the junction of Via Trieste with Via Bassi, cross the road and go up on the channel argin, cross the pedestrian bridge, cross the road, walk through the gate, continue walking straight to the next gate, cross the gate, cross the road and continue straight into Via Paolotti, walk in Via Paolotti till the end of the street where you find on the left a big building with a green gate and a long front porch: that is Edificio Paolotti. Enter the door located at the very end of the front porch and proceed to the second floor where you find Room P4.