



Timetable



**Aula VIII, Dipartimento di Matematica
Università degli Studi di Bari Aldo Moro**

December 20 - 21, 2023

Wednesday, December 20

8:30 - 9:00	Registration
	Welcome remarks & Introduction
9:00 - 9:30	Prof. Anna Maria Candela - <i>Head of Dept. of Mathematics</i> Prof. Francesca Mazzia - <i>Coordinator of the Ph.D. Programme in Computer Science and Mathematics</i>
9:30 - 9:55	Marco Gallo <i>Quasi-concavity and tailor-made clothes</i>
9:55 - 10:20	Mario Lepore <i>Enhancing Undergraduate Students Learning Path: A Situational Awareness Approach</i>
10:20 - 10:45	Nicola De Nitti <i>Exponential convergence to steady-states for trajectories of a damped dynamical system modelling adhesive strings</i>
10:45 - 11:15	Coffee break
11:15 - 11:40	Tommaso Monni <i>Freedman's Theorem for unitarily invariant states on the CCR algebra</i>
11:40 - 12:05	Caterina Sportelli <i>A fractional perspective on the theory of edge dislocations</i>
12:05 - 12:30	Marica De Lucia <i>APEMAIA: prediction of PM10 concentrations satellite-based machine learning models</i>
12:30 - 14:30	Lunch break <i>Social lunch at "Le Officine Clandestine"</i>

14:45 - 15:10	Chiara Cicolani	<i>Exponential synchronization of Kuramoto oscillators with time-delayed interactions</i>
15:10 - 15:35	Gaetano Settembre	<i>Unlocking insights from the sky: Low-Rank Methods in remote sensing and case studies</i>
15:35 - 16:00	Coffee break	
16:00 - 16:25	Sara Bagossi	<i>Highlights from research on learning calculus concepts with augmented reality</i>
16:25 - 16:50	Dario Di Pinto	<i>Geometric obstructions to the existence of anti-quasi-Sasakian structures</i>

Thursday, December 21

9:00 - 9:25	Laura Selicato	<i>Topological Data Analysis for resilience assessment of a Water Distribution Networks</i>
9:25 - 9:50	Alessandro Fania	<i>Machine Learning approach to predict ground-level air pollution in Italy</i>
9:50 - 11:00	Ph.D. pitch session	
11:00 - 11:30	Coffee break	
11:30 - 11:55	Antonio Lagioia	<i>The double dispersion equation: a case of very uneffective damping</i>
11:55 - 12:20	Maria Teresa Ruggiero	<i>Gonality of curves on algebraic regular surfaces</i>
12:20 - 12:45	Sebastiano Argenti	<i>The combinatorial theory of polynomial identities</i>
12:45 - 13:00	Closing	

