

University of Catania, University of Messina and University of Palermo

Mathematical Aspects in Non Equilibrium Systems from Micro To Macro

October 30th – November 4th, 2024



***Ettore Majorana Foundation and Centre for Scientific Culture
Erice (Trapani), Italy***

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Topics

- Complex Systems • Irreversible Thermodynamics •
- Systems out of equilibrium • Quantum Transport • Quantum Technologies •
- Quantum ideas in Applied Sciences • Decision making •
- Mathematical aspects of non Hermitian Quantum Mechanics •

Chairmen

Fabio Bagarello, University of Palermo, Italy
Francesco Oliveri, University of Messina, Italy
Vittorio Romano, University of Catania, Italy

Keynote Speakers

Luis Bonilla, *Universidad Carlos III de Madrid, Spain*
Rosario Fazio, *International Centre for Theoretical Physics, Trieste, Italy*
Massimo Fischetti, *The University of Texas at Dallas, USA*
Jean-Pierre Gazeau, *Université Paris Cité, France*
Emmanuel Haven, *Memorial University of Newfoundland, Canada*
Andrei Khrennikov, *Linnaeus University, Vaxjo, Sweden*
Polina Khrennikova, *University of Twente, Netherlands*
Rosario Nunzio Mantegna, *University of Palermo, Italy*
Claudia Negulescu, *Technical University of Munich, Germany*
Emmanuel Pothos, *University of London, UK*
Andrea Rapisarda, *University of Catania, Italy*
Andrea Sacchetti, *University of Modena-Reggio Emilia, Italy*
Giuseppe Vitiello, *University of Salerno, Italy*

Organizing Committee

Vito Dario Camiola, **Giovanni Nastasi**, *University of Catania, Italy*
Francesco Gargano, **Michele Sciacca**, *University of Palermo, Italy*
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