

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***

<https://mat521.unime.it/erice>; [erice2024bor@gmail.com](mailto:erice2024bor@gmail.com)

## **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, Växjö, 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*  
**Matteo Gorgone**, **Patrizia Rogolino**, *University of Messina, Italy*