

Dear Colleague,

We are pleased to announce the workshop

Mathematical aspects in non equilibrium systems: from micro to macro

which will take place in Erice, at the Center for Scientific Culture Ettore Majorana, from October 30th to November 4th 2024.

The workshop is multidisciplinary and is meant to gather together experts in various aspects of Non-equilibrium Thermodynamics and Quantum Physics, with a particular focus on some mathematical aspects for micro and for macroscopic systems. Among others, the following topics will be covered:

*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*

The official website of the workshop is <https://mat521.unime.it/~erice/> and the registration will be open on April 1st 2024.

The preliminary list of keynote speakers includes:

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

For any information, please contact us at erice2024bor@gmail.com

We kindly ask you to share this announcement with all the people who might be interested in and we look forward meeting you in Erice this year.

The Chairmen of the workshop

Fabio Bagarello, Francesco Oliveri, Vittorio Romano