



International Conference MultiSuper 2023

Multicomponent Superconductivity and Superfluidity

San Benedetto del Tronto, Italy - September 8-10, 2023

University of Camerino - Campus of the University of Camerino - URDIS - Lungomare Scipioni, 6

Main Topics

- Fluctuations and BCS-BEC crossover phenomena in low dimensional systems.
- Hybrid systems, superconductivity at the interfaces, and coexistence of phases.
- Highly nonlinear phenomena: Josephson and Andreev effects, topological defects, skyrmions and solitons, vortex states.
- Novel phenomena in multicomponent / multigap superconductors and superfluids.
- Innovative numerical methods

Scientific and Organizing Committee

Roberta Citro, University of Salerno, Italy
Milorad V. Milošević, University of Antwerp, Belgium
David Neilson, University of Antwerp, Belgium and FLEET, Australia
Andrea Perali (Chair), University of Camerino, Italy

Local organizers

Luis A. Peña Ardila and Andrea Perali, University of Camerino, Italy

Sponsor

Leiden Cryogenics - Leader in Low Temperature Techniques

Journal Sponsor



Invited Speakers

Jonas Bekaert University of Antwerp, Belgium
Antonio Bianconi RICMASS, Rome, Italy
Jordi Boronat Technical University of Catalonia, Barcelona, Spain
Massimo Capone SISSA, Trieste, Italy [online talk]
Sergio Caprara "Sapienza" University of Rome, Italy
Roberta Citro University of Salerno, Italy
Tommaso Confolone Leibniz Institute for Solid State and Materials Research, Dresden, Germany
Dario Daghero Politecnico di Torino, Italy
Claudio Guarcello University of Salerno, Italy
Yukio Hasegawa University of Tokyo, Japan
Patric Holmvall Uppsala University, Sweden
Sergei Klimin TQC, University of Antwerp, Belgium
Andrii Kuibarov Leibniz Institute for Solid State and Materials Research, Dresden, Germany
Stefano Lupi "Sapienza" University of Rome and INFN, section of Rome, Italy
Sathish Kumar Paramavisam University of Antwerp, Belgium and University of Camerino, Italy
Leonardo Pisani University of Camerino, Italy
Gianni Profeta University of L'Aquila, Italy
Luca Salasnich University of Padova, Italy
Takasada Shibauchi University of Tokyo, Japan
Andrea Richaud Universitat Politècnica de Catalunya, Barcelona, Spain
Hiroyuki Tajima University of Tokyo, Japan
Bilal Tanatar Bilkent University, Ankara, Turkey
Christopher Vale ARC-FLEET, Swinburne University of Technology, Melbourne, Australia [online talk]
Davide Valentini Karlsruhe Institute of Technology, Germany

