

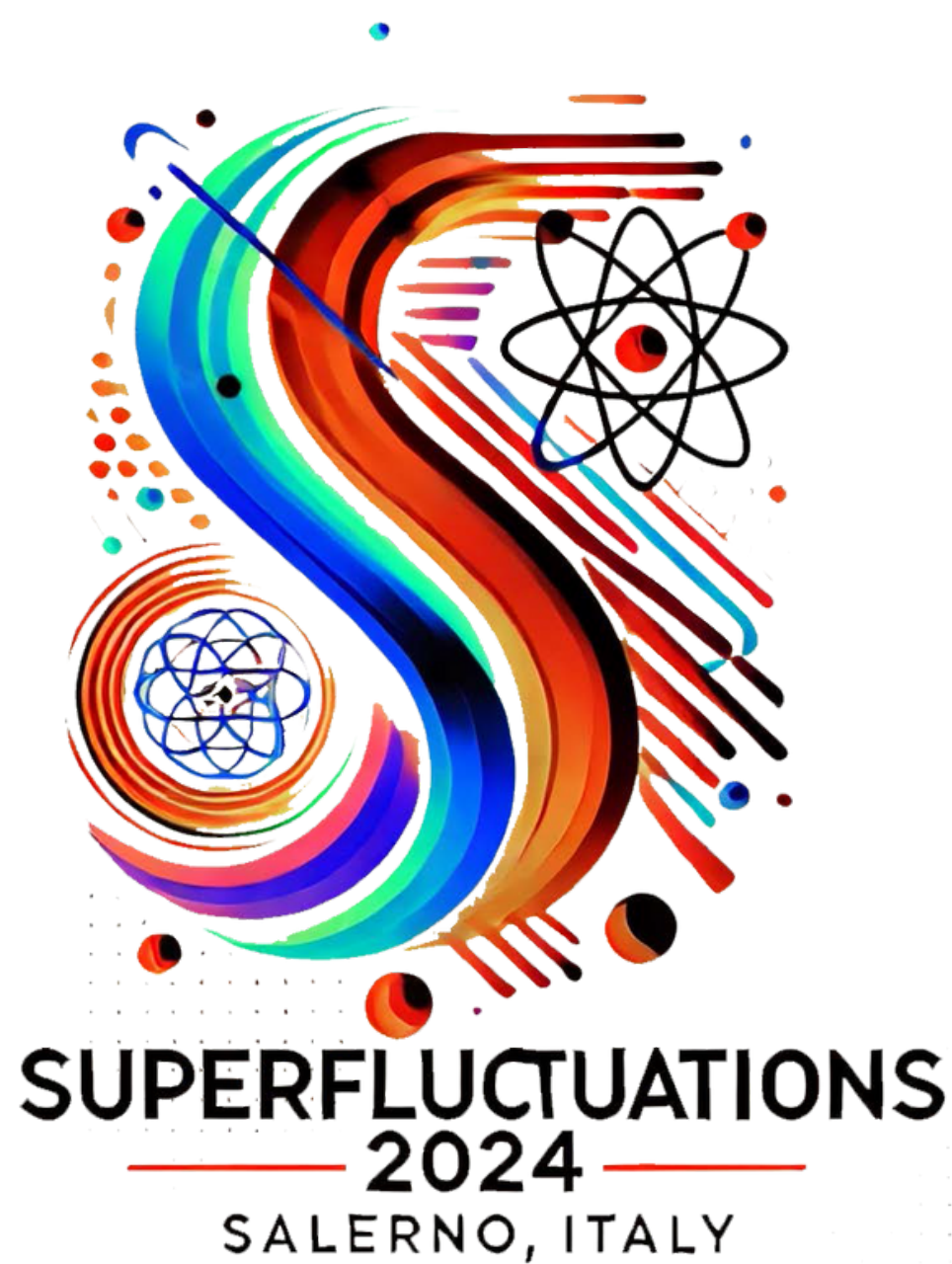


Salerno, 16 - 18 Settembre 2024

SuperFluctuations 2024



Fluctuations and Highly Nonlinear Phenomena In Superfluids and Superconductors



The conference will be opened by the

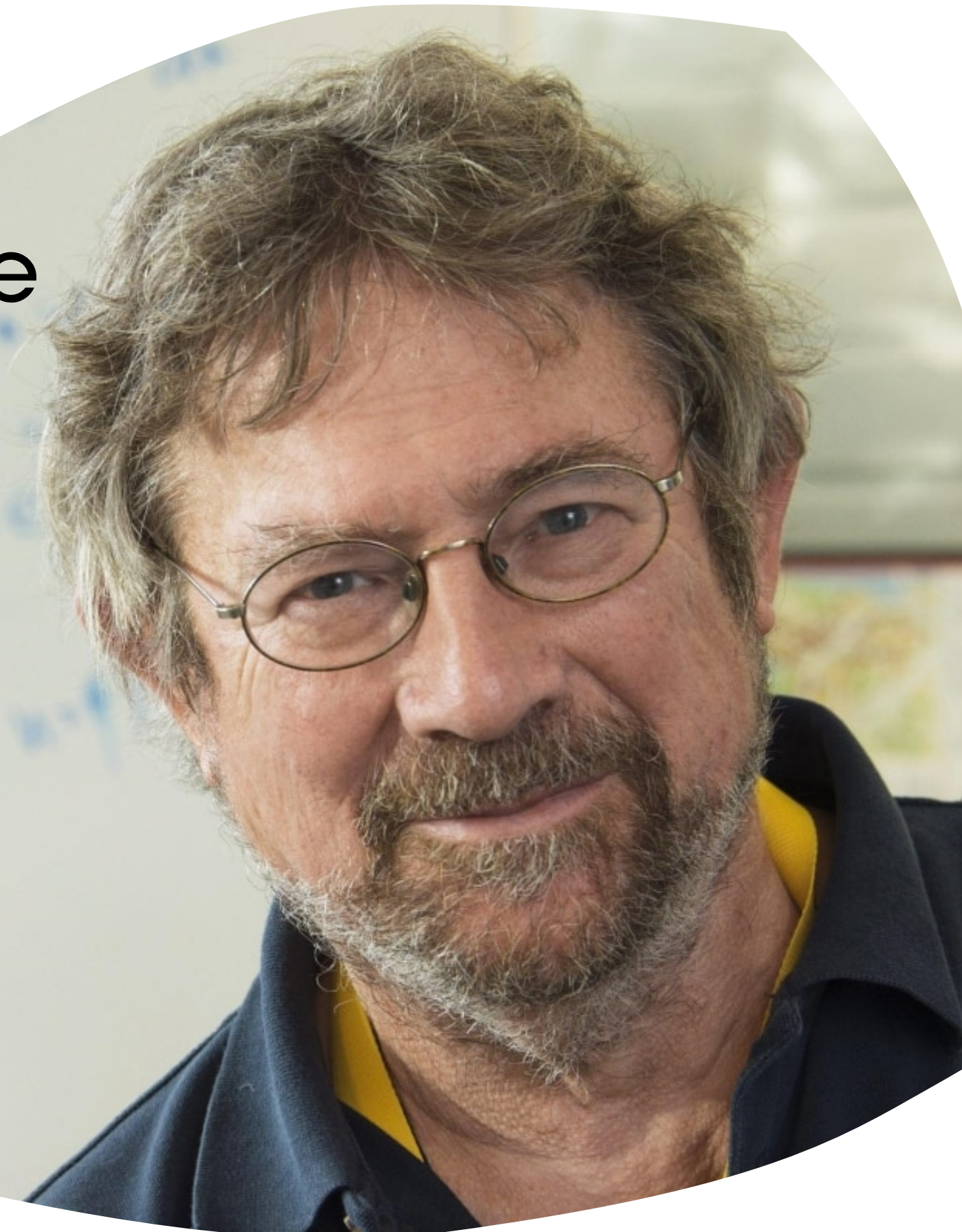
Nobel Laureate

John Michael Kosterlitz

16 September, 2024

Teatro di Ateneo

h. 15:00



Topics

- Highly nonlinear phenomena
- Non-equilibrium superconductivity
- Spin-orbitronics: theory and applications
- Innovative numerical methods
- Fluctuations and BCS-BEC crossover phenomena
- Electron-hole and Excitonic superfluidity and supersolidity
- Novel Quantum Phenomena with Bosons and Fermions
- Quantum technologies and quantum devices

Invited Speakers

- | | |
|---|---|
| A. Ambrosetti, University of Padova (IT) | F. Giazotto, NEST, Pisa (IT) |
| L. Amico, QRC at TII, Abu Dhabi (AE) | S. Giorgini, University of Trento (IT) |
| A. Avella, University of Salerno (IT) | M. Grilli, Sapienza Università di Roma (IT) |
| A. Balaž, University of Belgrade (RS) | B. Hue, CNRS (FR) |
| A. Bianconi, RICMASS CNR (IT) | J. Klinovaja, University of Basel (CH) |
| J. Boronat, Universitat de Catalunya (ES) | I. Maccari ETH, Zurich (CH) |
| A. Burchianti, CNR-INO, Firenze (IT) | M. V. Milosevic, University of Antwerp (BE) |
| V. Brosco, CNR-ISC, Roma (IT) | C. Ortix, University of Salerno (IT) |
| M. Capone, Sissa, Trieste (IT) | S. Parkin, Max Planck Institute in Halle (DE) |
| S. Conti, University of Antwerp (BE) | L. Pena Ardila, University of Camerino (IT) |
| C. Danieli, CNR ISC (IT) | S. Pilati, University of Camerino (IT) |
| E. Demler, ETH, Zurich (CH) | R. Raimondi, University Roma Tre (IT) |
| F. Dolcini, Politecnico di Torino (IT) | G. Salerno, Aalto University (FI) |
| M. Eschrig, University of Greifswald (DE) | D. Stornaiulo, University of Naples (IT) |
| G. Filatrella, University of Sannio (IT) | M. Trama, IFW, Dresden (DE) |
| K. Furutani, Nagoya University (JP) | G. Venditti, University of Geneva (CH) |
| D. Galli, University of Milano (IT) | P. Vignolo, University of Nice (FR) |

Organizing Committee

R. Citro (Chair)
C. Guarcello
A. Di Bernardo
G. Grimaldi
L. Dell'Anna
L. Salasnich
A. Perali

Local Technical and Logistic Committee

B. Amoruso
C. D'Apolito
V. Di Marino
F. Colangelo
A. Maiellaro
A. Mauro
G. Nunziante
M. Trama

Venues

Università di Salerno, Teatro di Ateneo
Fisciano (SA), Italy (Sept.16)

Grand Hotel Salerno,
Lungomare Tafuri, 1 Salerno, Italy (Sept. 17–18)

A special issue will appear in **MDPI Condensed Matter** and two **MDPI Condensed Matter Awards** will be given to young investigators

www.multisuper.org/superfluctuations-2024

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