

International Workshop

ECEPQM

Electronic Correlations, Emergent Phenomena, and Quantum Materials

Lectiones Amalfitanae

10 - 13 April 2022, Amalfi (Italy)

INVITED SPEAKERS

Markus Aichhorn
Brian Andersen
Leon Balents
Erez Berg
Wojciech Brzezicki
Massimo Capone
Patrick Chalupa
Maria Chatziefetheriou
Sergio Ciuchi
Luca de' Medici
Domenico Di Sante
Michel Ferrero
Filomena Forte
Martin Eckstein
Emanuel Gull
Philipp Hansmann
Karsten Held
Jernej Mravlje
Anna Kauch
Michael Knap
Friedrich Krien
Fabian Kugler
Carmine Ortix
Georg Rohringer
Lucile Savary
Thomas Schäfer
Fedor Simkovic
Jan Tomczak
Jeroen van den Brink
Roser Valenti
Tim Wehling

TOPICS

Many-body theory and computational approaches
Quantum topological matter
Emergent phases at interfaces
Interplay of spin-orbital-charge-lattice degrees in correlated electron systems
Mott physics and electronic orderings in strongly spin-orbit coupled materials
Non-equilibrium correlated phases
Unconventional superconductivity
Spintronics and spin-orbitronics
Electronic states and ordered phases in heterostructures, etc.

ORGANIZING & SCIENTIFIC COMMITTEE

S. Adler, *University of Würzburg, Germany*
M. Cuoco, *CNR-SPIN Salerno (Chair)*
P. Eck, *University of Würzburg, Germany*
M.T. Mercaldo, *University of Salerno*
C. Noce, *University of Salerno*
M. Reitner, *TU Wien, Austria*
N. Wagner, *University of Würzburg, Germany*

TECHNICAL SUPPORT COMMITTEE

S. Abate, *CNR-SPIN Salerno*
B. Amoroso, *University of Salerno*
C. D'Apollito, *University of Salerno*
V. Di Marino, *University of Salerno*
M. A. Gatti, *CNR-SPIN Salerno*
A. Loffredo, *CNR-SPIN Salerno*
R. Sacco, *CNR-SPIN Salerno*

CONFERENCE CHAIRS

M. Cuoco, *CNR-SPIN Salerno*
A. Georges, *College de France and Flatiron Institute, USA*
G. Sangiovanni, *University of Würzburg, Germany*
A. Toschi, *TU Wien, Austria*

WORKSHOP WEBSITE

<http://ecepqm.physics.unisa.it>

SCIENTIFIC SECRETARIAT

ecepqm@physics.unisa.it

