Università di Camerino

MultiSuper Network

UNIVERSITÀ DEGLI STUDI DI PADOVA

SuperFluctuations 2018

Fluctuations and Highly Non Linear Phenomena in Superfluids and Superconductors

San Benedetto del Tronto (Italy) September 5-7, 2018
Campus of the University of Camerino - URDIS in San Benedetto del Tronto

Jointly organized by: University of Camerino and University of Padova, Italy

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
Luca Dell'Anna and **Luca Salasnich**, University of Padova, Italy
Andrea Perali, University of Camerino, Italy and International MultiSuper Network

MDPI Condensed Matter Awards
The new open journal Condensed Matter (MDPI) offers an award to the best oral or poster contribution presented by a young scientist

Conference Proceedings of SuperFluctuations 2018 will be published by Condensed Matter. Submission of papers within 15-th December 2018

condensed matter
an open access journal by MDPI

Spring Nature Awards
Books will be offered to award the best poster presentations

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Sponsor
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