



Università
di Camerino



MultiSuper Network



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



SuperFluctuations 2019

Fluctuations and Highly Non Linear Phenomena in Superfluids and Superconductors

Padova (Italy) **September 2-4, 2019** Università di Padova

First day: Archivio Antico del Palazzo 'Bo'

Second and third day: Dipartimento di Fisica e Astronomia 'Galileo Galilei' - Aula magna 'Rostagni'

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

Main Topics

Fluctuations and BCS-BEC crossover phenomena in multicomponent and low dimensional systems.

Quantum Technologies and Novel Phenomena with Bose and Fermi Mixtures.

Highly nonlinear phenomena: Josephson and Andreev effects, topological defects, skyrmions and solitons, vortex states.

Novel quantum phenomena in multicomponent / multigap superconductors and superfluids.

Innovative numerical methods: Machine Learning and its applications.

Scientific and Organizing Committee

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

Local Organizing Committee

Alberto Cappellaro, **Andrea Tononi**, and **Paola Zenera**, University of Padova, Italy

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 2019 will be published by Condensed Matter. Submission of papers within 31st December 2019



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Sponsor



Participants

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