



ESAS
The European Society for
Applied Superconductivity

ESAS Summer School New Trends with Superconducting Quantum Detectors

Genova, 9-13 September 2013

LECTURERS

Physics of superconductivity
Superconducting electronics
Non-equilibrium superconductivity
STJ and TES superconducting detectors
Superconducting Tunnel Junctions Detectors
Transition Edge Sensors: physics and applications
Superconducting Nanowires for single photon detection
Magnetic Inductance Devices
Superconducting Nanodevices and physics
Readout electronics for superconducting detectors
Superconducting Detectors and Astrophysics
Quantum Communication and Information
Superconducting nanowire detectors for Quantum Communication and Information
Superconducting Detectors and Biotechnology
Superconducting Devices for metrology
Superconducting Detectors and Nuclear Physics
Superconducting Single Photon detectors

ORGANIZING COMMITTEE

G. P. Pepe (University of Naples, Italy)
F. Gatti (University of Genova, Italy)
R. Cristiano (CNR-ICB Pozzuoli, Italy)
A. Marino (CNR-SPIN Naples, Italy)

INVITED SPEAKERS

R. Vaglio (University of Naples, Italy)
P. Seidel (University of Jena, Germany)
A.A. Golubov (Twente University, Netherlands)
A. Kozorezov (Lancaster Univ., United Kingdom)
E.F. Figueroa (MIT-NASA, USA)
M. Siegel (KIT, Germany)
P. Day (Los Alamos, USA)
R. Leoni (CNR, Italy)
T. Ortlev (Univ. of Ilmenau, Germany)
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EUCAS 2013

The ESAS Summer School is a satellite event of
the EUCAS biennial European Conference on Applied Superconductivity
<http://www.eucas2013.org>

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