



Nicola Manca

Adjunct professor

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Education and training

2015

PhD in Physics

Local control of phase transitions in oxides by Joule self-heating of free-standing devices

Università di Genova - Genova - IT

2013

Tirocinio Formativo Attivo

108/110

Università di Genova - Genova - IT

2010

Masters degree in Physics

Realization of novel microelectromechanical devices based on functional oxides - 110/110

Università di Genova - Genova - IT

2007

Bachelor's degree in Physics

Simulation of thin film growth on anisotropic substrate - 108/110

Università di Genova - Genova - IT

Academic experience

2017 - ONGOING

Assegnista di Ricerca

Università di Genova - Genova - IT

2015 - 2017

Post-doc Fellow

Technical University of Delft - Delft - NL

Language skills

English

Proficient

Teaching activity

- 05/2016–06/2016
Teaching assistance
Delft University of Technology, Delft, The Netherlands
Advanced solid state physics (Master in Applied Physicscs)
Prof. Yaroslav M. Blanter and Andrea D. Caviglia
- 01/2014–06/20
Teaching assistance
Università degli studi di Genova, Genoa, Italy
Laboratory of physics of matter (Master in Physics)
Prof. Mario Rocca
- 2011/12/14/18
Supervision of High-school students during one-week stages at the
University of Genoa
Università degli studi di Genova, Genoa, Italy

Research interests

Solid state physics
Correlated oxides
MEMS devices