

Curriculum Vitae – Gianluca Rastelli

First, Last Name Gianluca, Rastelli
Affiliation INO-CNR BEC Center and Dipartimento di Fisica, Università di Trento,
38123 Povo, Italy

Scientific Background

Area Theoretical Condensed Matter Physics
Keywords Quantum Mesoscopic Physics, Quantum Transport, Nanomechanics, Quantum
Dissipative Systems

Research interests: theory of engineered quantum systems as nanoelectronic devices, superconducting Josephson junction devices, quantum microwave photon devices and nanoelectromechanical systems.

Research Experience

Since 10/2020 **CNR Researcher, INO BEC Center**, Trento, Italy.
04/2015-09/2020 **Zukunftskolleg Research Fellow, group leader**, University of Konstanz.
5-year position granted by the German Excellence Initiative.
03/2013–03/2015 **Marie Curie Incoming Fellowship**, University of Konstanz, Germany.
Post-doc fellow of Zukunftskolleg, 2-year position.
10/2012–02/2013 **Post-doc**, University of Konstanz, Germany.
09/2007–08/2012 **Post-doc**, LPMMC, CNRS Laboratory & University of Grenoble, France.
03/2006–04/2007 **Post-doc grant “Angelo Della Riccia”**, Institute Néel, CNRS, Grenoble, France.
11/2005–02/2006 **PhD Scholarship**, Institute for Complex Systems, CNR, Rome, Italy.
11/2002–10/2005 **PhD**, funded by the MIUR (Ministry of Education, University and Research), Italy.

Qualifications

04/07/2019 **Habilitation (France): HDR** (Habilitation à Diriger des Recherches),
Université Grenoble-Alpes, Grenoble, France.
Title: “Electro-vibration interaction in quantum dots and quantum dissipation in Josephson systems”, <https://hal.archives-ouvertes.fr/tel-02196787>
08/02/2018 **Qualification in France:** Professeur des Universités, obtained on 08/02/2018.
N. 18128191693D (section 28, Condensed Matter).
15/02/2017 **Qualification in Germany:** junior research group leader (“Nachwuchsgruppenleiter”),
supervisor of PhD students.

Education

20/02/2006 **PhD in Physics**, University of L’Aquila, Italy.
Dissertation title: “Wigner Crystallization in polarizable and anisotropic systems”.
Assessment: excellent. Advisor: ██████████.
06/03/2002 **Master degree in Physics**, 110/110 cum laude (with distinction),
University of L’Aquila, Italy. Advisor: ██████████.