

PERSONAL INFORMATION

Vittorio Bellani



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Citizenship: Italian. Date of birth: December 6th, 1966.

Employments and education

Aug. 1999 – currently: Aggregate Professor, permanent, University of Pavia.

Jul. 1996 – Jul. 1999: Assistant Professor, tenured, University of Pavia.

Sept. 1994 – Jun. 96: Senior Research Fellow, UAM – Autonomous University of Madrid, *Human Capital and Mobility* programme of the European Union.

Sept. 1994: PhD in Physics, University of Pavia.

Sept. 1993 – Aug. 94: Teaching Assistant, University of Bergamo.

Oct. 1990 – Jun. 93: Junior Research Fellow, EPFL – Swiss Federal Institute of Technology Lausanne.

March 1990: M.Sc. in Physics, University of Pavia.

Recognitions and memberships

Outstanding Referee, APS – American Physical Society; <https://journals.aps.org/OutstandingReferees> .

Alumnus visiting professor, *Electrochemical Energy Laboratory*, MIT – Massachusetts Institute of Technology, Boston; study of lithium-ion batteries, electrode materials and electrolytes; <https://www.rle.mit.edu/eel/alumni> .

Research and teaching appointments

2018 spring term: Volunteer, University of California, Berkeley; study of graphene using scanning probe microscopy and spectroscopy.

2011 fall term: Visiting professor, STUT – Southern Taiwan University of Science and Technology, Tainan; teaching optoelectronics.

2010 spring term: Visiting professor, Paul Sabatier University and LNCMI – National Laboratory for Intense Magnetic Fields, Toulouse; study with optics and electrical transport of graphene and the two-dimensional electron gas in the extreme quantum limit.

Teaching

University of Pavia: Applied physics (B.Sc.); Physics of solid-state quantum devices (M.Sc.).

Monitoring and evaluation

2023: Scientific expert for *Grand Solutions programme*, that invests in research and innovation projects that can bring solutions to societal challenges that create value to Denmark; Innovation Fund

Denmark – IFD, Copenhagen.

2023: Academic expert in the accreditation of the institutions to award the engineering degree *Titre d'ingénieur Diplômé*; Accreditation Authority for French Professional Engineers – CTI, Paris.

2023: External expert for the *COST Actions*, that connect research initiatives across Europe and beyond; European Cooperation in Science and Technology Association – COST, Brussels.

2023: Experts panel member in the *Comparative Expert Assessment of Research and Development Activities (CEA) Carried out by Universities and Research Institutes*; Research Council of Lithuania – RCL, Vilnius.

2022 – currently: Rapporteur for the *M-ERA.NET* EU funded network, established to support and increase the coordination of European research programmes and related funding in materials science and engineering; Austrian Research Promotion Agency – FFG, Wien.

2021 – currently: Rapporteur for Higher Education projects and *Marie Skłodowska-Curie Actions*; European Education and Culture Executive Agency – EACEA and European Research Executive Agency – REA, Brussels.

2016: Scientific experts for the *Basic Energy Sciences (BES)* program, that supports basic scientific research to lay the foundations for new energy technologies; Department of Energy – DOE, Washington.

Publications

<https://scholar.google.com/citations?hl=en&user=RgtfYoAAAAJ&user=-RgtfYoAAAAJ>

Editorial and refereeing activity

2017 – currently: Ad-hoc editorial board member for the journals of the American Physical Society (APS) *Physical Review B* and *Physical Review X*.

1996 – currently: Referee for American Institute of Physics – AIP (*Journal of Applied Physics, Applied Physics Letters, Review of Scientific Instruments*); American Physical Society – APS (*Physical Review B, Physical Review Letters, Physical Review Materials, Physical Review X*); Elsevier (*Applied Materials Today, Journal of Alloys and Compounds, Journal of Luminescence, Materials and Design, Materials Chemistry and Physics, Optical Materials*); Institute of Physics – IOP (*Journal of Physics D: Applied Physics, Materials Research Express, Nanotechnology*); Royal Society of Chemistry – RSC (*Analyst, Nanoscale, Nanoscale Advances, RSC Advances*); Springer Nature (*The European Physical Journal Plus*); Wiley (*Advanced Optical Materials, Journal of Raman Spectroscopy*).

Languages: English, French, Italian, Spanish.

October 2023