





PERSONAL INFORMATION

Vittorio Bellani



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

Employments and education

Aug. 1999 – currently: Research Professor, tenured, University of Pavia.
 Jul. 1996 – Jul. 1999: Assistant Professor, 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; <https://www.rle.mit.edu/eel/alumni>.

Research and teaching appointments

2025 easter term (elected in May 2024): Beaufort visiting fellow, St John's College, University of Cambridge; prof. Mete Atatüre group.
 2018 summer term: Volunteer, University of California, Berkeley; scanning probe microscopy experiments of molecular diffusion on graphene; prof. Michael Crommie group.
 2016 spring term: Visiting scientist, MIT – Massachusetts Institute of Technology; fabrication and study of electrodes and electrolytes for lithium-ion batteries; prof. Yang Shao-Horn group.
 2011 fall term: Visiting professor, STUT – Southern Taiwan University of Science and Technology, Tainan; teaching a master course on optoelectronics; prof. Wen-Tuan Wu group.
 2010 spring term: Visiting professor, Paul Sabatier University and LNCMI – National Laboratory for Intense Magnetic Fields, Toulouse; electrical and optical experiments on graphene and the two-dimensional electron gas in the extreme quantum limit; prof. Michel Goiran group.

Board responsibilities

2023 – currently: Management board member, Committee for International Cooperation and Development University of Pavia <http://cicops.unipv.it/>.

Teaching

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

Monitoring and evaluation

2023 – currently: Technical expert for the *Innovation Fund* programme for the demonstration of innovative low-carbon technologies; European Climate, Infrastructure and Environment Executive Agency – CINEA, Brussels.

2023 – currently: Scientific expert for *Grand Solutions Quantum Technologies programme*, which invests in projects that contribute to develop the Danish position in the field of quantum technologies and foster cooperation with international partners; Innovation Fund Denmark – IFD, Copenhagen.

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

2021: Scientific expert for the *Photonique Quantique Québec (PQ2)* program, aiming to accelerate discovery and innovation in the field of quantum photonics; Polytechnique Montréal – Canada.

2016: Scientific expert 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*, *Review of Modern Physics*.

Elsevier: *Applied Materials Today*, *Computational Material Science*, *Journal of Alloys and Compounds*, *Journal of Luminescence*, *Materials and Design*, *Materials Chemistry and Physics*, *Optical Materials*.

Institute of Physics – IOP: *2D Materials*, *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.

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