




PERSONAL INFORMATION



Vittorio Bellani

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Date of birth 06/12/1966 | Nationality Italian

EMPLOYEMENTS

- Jul. 1996 – Currently **Research professor, tenured**
University of Pavia, Italy.
- Sept. 1994 – Jun. 96 **Senior research fellow**
UAM – Universidad Autónoma, Madrid, Spain; Human Capital and Mobility” programme of the European Union.
- Sept. 1993 – Aug. 94 **Teaching assistant**
University of Bergamo, Italy.
- Oct.1990 – Jun. 93 **Junior research fellow**
EPFL – Swiss Federal Institute of Technology Lausanne Switzerland; CNR-FNRS mobility program.

RECOGNITIONS AND MEMBERSHIP

- Since 2018 **Outstanding referee**
APS – American Physical Society, College Park, USA; <https://journals.aps.org/OutstandingReferees> .
- Since 2016 **Alumnus visiting professor**
Electrochemical Energy Laboratory, MIT – Massachusetts Institute of Technology, Boston, USA; <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, United Kingdom; prof. Mete Atatüre group.
- 2018 summer term **Volunteer**
University of California, Berkeley, USA; scanning probe microscopy experiments of molecular diffusion on graphene; prof. Michael Crommie group.
- 2016 spring term **Visiting scientist**
MIT – Massachusetts Institute of Technology, USA; 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, France; electrical and optical experiments on graphene and the two-dimensional electron gas in the extreme quantum limit; prof. Michel Goiran group.

BOARD RESPONSABILITIES

2024 – currently **Board member**
Grand Solutions Committee for Green Research, Technology Development and Innovation; Innovation Fund Denmark – IFD, Copenhagen, Denmark; <https://innovationsfonden.dk/en/grand-solutions-committee-green-research> .

2020 – currently **Board member**
Committee for International Cooperation and Development, University of Pavia, Italy; <http://cicops.unipv.it/> .

TEACHING

Since 2016 **Applied physics (B.Sc.); Physics of solid-state quantum devices (M.Sc.)**
University of Pavia, Italy.

EDUCATION AND TRAINING

Sept 1994 **PhD in Physics**
University of Pavia, Italy.

March 1990 **M.Sc. in Physics**
University of Pavia, Italy.

MONITORING AND EVALUATION

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

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

2021 – currently **Vice chair and rapporteur**
European Education and Culture Executive Agency – EACEA and European Research Executive Agency – REA, Brussels, Belgium.; Higher Education projects and *Marie Skłodowska-Curie Actions*.

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

2016 – currently **External expert**
 COST Association, Brussels, Belgium; *COST Actions*, aimed at advancing knowledge and strengthen the research and development sector.

PUBLICATIONS

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

EDITORIAL AND REFEREEING ACTIVITY

2017 – currently **Ad-hoc editorial board member**
 American Physical Society (APS), College Park, USA; *Physical Review B* and *Physical Review X*.

1996 – currently **Referee**
 Referee for the journals from the:
 American Institute of Physics – AIP, College Park, USA: *Journal of Applied Physics*, *Applied Physics Letters*, *Review of Scientific Instruments*.

American Physical Society – APS, College Park, USA: *Physical Review B*, *Physical Review Letters*, *Physical Review Materials*, *Physical Review X*, *Review of Modern Physics*.

Elsevier, Amsterdam, Netherlands: *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, London, United Kingdom: *2D Materials*, *Journal of Physics D: Applied Physics*, *Materials Research Express*, *Nanotechnology*.

Royal Society of Chemistry – RSC, London, United Kingdom: *Analyst*, *Nanoscale*, *Nanoscale Advances*, *RSC Advances*.

Springer Nature, Berlin, Germany: *The European Physical Journal Plus*.

Wiley, Hoboken, USA: *Advanced Optical Materials*, *Journal of Raman Spectroscopy*.

LANGUAGES

Mother tongue Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C1	C1	C1
Spanish	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user