


PERSONAL INFORMATION

Vittorio Bellani



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Nationality Italian

EMPLOYMENT

Nov. 2005 – present

**Professor of Physics, Aggregate**

University of Pavia, Italy

Sept. 1994 – Jun. 96

**Assistant Professor of Physics**

University of Pavia, Italy

Sept. 1993 – Aug. 94

**Teaching assistant**

University of Bergamo, Italy

Sept. 1994 – Jun. 96

**Senior research fellow**

UAM – Universidad Autónoma, Madrid, Spain; *Human Capital and Mobility* fellowship 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-FNSF mobility program

RECOGNITIONS AND MEMBERSHIP

2025

**Beaufort fellow**

St John's College, University of Cambridge, United Kingdom; optical and scanning probe experiments on solid-state spins

2025

**Distinguished EPJ referee**

EPJ – European Physical Journal, Les Ulis, France; <https://www.epj.org/distinguished-epj-referees>

2018

**Outstanding APS referee**

APS – American Physical Society, College Park, USA; <https://journals.aps.org/OutstandingReferees>

Since 2016

**Visiting professor (Alumnus)**

MIT – Massachusetts Institute of Technology, Electrochemical Energy Laboratory, Boston, USA; fabrication and study of electrodes and electrolytes for lithium-ion batteries; <https://www.rle.mit.edu/eel/alumni>

RESEARCH AND TEACHING APPOINTMENTS

2018 summer term

**Volunteer**

University of California, Berkeley, USA; scanning probe microscopy experiments on molecular diffusion on graphene

2011 fall term **Visiting professor**

STUT – Southern Taiwan University of Science and Technology, Tainan; taught a master's course on optoelectronics

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 semiconductor 2DEGs in the extreme quantum limit

## BOARD RESPONSIBILITIES

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2024 – present **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 – present **Board member**

Committee for International Cooperation and Development, University of Pavia, Italy; <http://cicops.unipv.it/>

## TEACHING

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

University of Pavia, Italy

## EDUCATION AND TRAINING

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Sept 1994 **PhD in Physics**

University of Pavia, Italy

March 1990 **M.Sc. in Physics**

University of Pavia, Italy

## MONITORING AND EVALUATION

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2025 – present **Rapporteur**

European Institute of Technology – EIT Urban Mobility, Barcelona, Spain; *Urban Mobility* program, which supports Start-Ups in solutions that contribute to the sustainable development goals related to sustainable communities, clean energy, and climate action

2023 – present **Technical expert**

European Climate, Infrastructure and Environment Executive Agency – CINEA, Brussels, Belgium; *Innovation Fund* program for the demonstration of innovative low-carbon technologies

2023 – present **Scientific expert**

Eureka Network for international cooperation in research, development and innovation – EUREKA, Brussels, Belgium; *Eurostars* funding programme for collaborative research and development projects led by innovative small- and medium-sized enterprises

2022 – present **Rapporteur**

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

2021 – present **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*

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

PUBLICATIONS

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

EDITORIAL AND REFERECING ACTIVITY

2025 – present **Ad-hoc divisional associate editor**  
 American Physical Society (APS), College Park, USA; *Physical Review Letters*

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

1996 – present **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
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	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

May 2026