


PERSONAL INFORMATION

Vittorio Bellani



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Nationality Italian

EMPLOYMENT

Jul. 1996 – present

**Research professor, tenured**

University of Pavia, 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
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C1	C1	C1

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

February 2026