

PERSONAL INFORMATION

Family name, First name: Bajoni, Daniele

Researcher unique identifier(s): ORCID 0000-0001-6506-8485 Research ID: P-8123-2015

Date of birth: [REDACTED]

Nationality: Italian

URL for web site: www.unipv.it/bajoni

• EDUCATION

2004 PhD in Physics: Faculty of Science - Department of Physics, University of Pavia, Italy. Title of the thesis: "Optical Spectroscopy of Photonic Crystals and Microcavities". PhD supervisor: Prof. [REDACTED].

2000 Master degree in Physics (Italian Laurea): Faculty of Science - Department of Physics, University of Pavia, Italy, supervisor Prof. [REDACTED].

• CURRENT POSITION

2014 – **Associate Professor**, Department of Electrical, Computing and Biomedical Engineering, University of Pavia, Italy

• PREVIOUS POSITIONS

2008 – 2014 **Assistant Professor** (with tenure), Department of Electrical, Computing and Biomedical Engineering, University of Pavia, Italy

2005 – 2007 Post doctoral researcher at **LPN-CNRS in Marcoussis, France**, in the group led by prof. [REDACTED].

• INSTITUTIONAL RESPONSIBILITIES

2008 – **Faculty member**, Department of Electrical, Computing and Biomedical Engineering, University of Pavia, Italy

2018 – Member of the **board of the Ph.D. School in Microelectronics**, Department of Electrical, Computing and Biomedical Engineering, University of Pavia, Italy

• ORGANISATION OF SCIENTIFIC MEETINGS

2019 – Member of the **Organizing Committee** for the graduate summer school "Quantum devices for non-classical light generation and manipulation" held in Erice (IT). The school was guested by the "Ettore Majorana foundation", was highly successful and will be held every two years (the second edition of the school has been postponed to 2022 due to COVID).

• REVIEWING ACTIVITIES

2019 – Member of the **editorial board**, Frontiers in Photonics

I have reviewed scientific projects for the following institutions

2017 Agence Nationale de la Recherche (ANR, France)

2016 European Research Council (ERC Starting grant)

2011 – 2013 Italian Ministry of Education (MIUR, Italy)

2011 Agence Nationale de la Recherche (ANR, France)

2010 Department of Energy (DoE, United States of America)

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2013,2015 Member, Optical Society of America
2008 – Associated Member, National Interuniversity Consortium for the Physical Sciences of Matter (CNISM, Italy)
2015 – 2018 Associated Member, National Institute for Nuclear Physics (INFN, Italy)

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

2008 – 2021 I took part in the supervision of 4 post-docs/ 7 PhD students/10 Master student, Department of Electrical, Computing and Biomedical Engineering and the Department of Physics, University of Pavia, Italy

- **TEACHING ACTIVITIES**

All below courses are held at the Engineering Department, Università degli Studi di Pavia, Italy.

2018 – Professor of "Introduction to Quantum Mechanics and Quantum Technologies", for master students.
2015 – Professor of "General Physics II" (Electromagnetism), for undergraduate students.
2012 – 2017 Professor of "Semiconductor Device Physics", for master students.
2008 – 2015 Professor of "General Physics I" (Mechanics and Thermodynamics), for undergraduate students.

- **SCIENTIFIC OUTPUT**

Number of publications:	121
Percentage of publications with last authorship:	30%
Percentage of publications with first authorship:	18%
Percentage of publications with corresponding authorship:	27%

Citations

Google Scholar:	3348
Scopus:	2420
ISI Web of Science:	2187

H-factor

Google Scholar:	31
Scopus:	28
ISI Web of Science:	27