

CURRICULUM VITAE

Hendrik J. Bolink

Date of Birth: 17/03/1969

Nationality: Dutch.

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Education Qualifications

1997 Dr. University of Groningen, The Netherlands.
Thesis title: "Photorefractive Polymers".

1993 Ms. Polymer Chemistry Department.
University of Groningen, The Netherlands.

Appointments:

2019- till now *Institute of Molecular Science and Chemistry Faculty, University of Valencia, Spain*
Professor

2016-2017 *Nanyang Technical University, Singapore.*
Visiting Assoc. Professor

2009- 2019 *Institute of Molecular Science, University of Valencia, Spain*
Research Professor

2009- till now *Institute of Molecular Science, University of Valencia, Spain*
Group leader of Molecular Opto-Electronic Devices research group.

2003-2009 *Institute of Molecular Science, University of Valencia, Spain*
Ramon y Cajal Scientist.

2001-2003 *Philips PolyLED, Heerlen/Eindhoven, The Netherlands.*
Manager materials development for Polymer Light Emitting Diodes.

1997-2001 *DSM Research, Geleen, The Netherlands (November 1997- April 2001).*
Research Scientist and Project leader.

Research areas:

My main area of research is in inorganic/organic hybrid materials such as perovskites and mixed electronic/ionic charge transporting materials and their integration in opto-electronic devices.

25 PhD students have graduated under my supervision, and the current team comprises 14 PhD students, three assistant professors (tenure track), five Post-Docs and two technicians.

Teaching:

2003- now Undergraduate and Master courses at the University of Valencia, Chemistry Faculty
2023 Accredited as Catedratico (Full Professor) by the National Spanish Agency of the Evaluation of the Quality and Accreditation (ANECA).

Scientific presentations (5 most relevant):

- MRS Fall 2023, Boston, USA Invited presentation.
- MRS Spring 2017, San Francisco, USA. Invited presentation.
- PSCO16, 2016 Genova, Italy, Invited speaker High Performance Metal Oxide Free Perovskite Based Solar Cells .
- EU PVSEC 2014, European PV Solar Energy Conference and Exhibition, Amsterdam, Netherlands. Keynote Invited Presentation, **Organic-Inorganic Perovskite Based Solar Cells**
- MRS Fall 2016, Boston, USA. Invited speaker.

Conference organization

- Co-Chair of the Nanoge Inform conference, Valencia, Spain, 2019.
Organizing Committee for the SPIE Conference on Organic, Hybrid, and Perovskite Photovoltaics (OHPV) (San Diego, USA) since 2015.
- Chair, Perovskite thin film photovoltaics (ABXPV17) conference, Valencia, Spain 2017.
- Co-chair of symposium U “Halide Perovskites for Optoelectronics Applications” of International Conference on Materials for Advanced Technologies (ICMAT) Singapore, 2023

Awards

- Ramon y Cajal nominee 2003 in Chemistry.
- PRIDE award from Philips Electronics, 2003.
- University of Valencia Award for Research with society impact (2011).
- Royal Spanish Society of Chemistry, 2016 Research Excellence Award.
- European Research Council Advanced Grant (2019)

Commissions of trust:

- 2018 –2019** Coordinator of the area Materiales for Energy and Environmental Science of the Spanish National Science Agency (Agencia Estatal de Investigacion)
- 2014 –** Reviewer for the European Research Council (starting, consolidator and advanced grant applications)
- 2013 –** Reviewer for several foreign National Science Foundations.

Reviewer for a large number of international journals, among others: Science, Nature, Nature Photonics, Nature Materials, Nature Communications, Advanced Materials,

Publication statistics.

Dr. Bolink has published 345 scientific manuscripts with the following citation indicators. Google Scholar: h-index=84, citations=28389, Web of Science: h-index=81, citations >24484

Additionally, he is named inventor on 16 patents or patent applications.