

CURRICULUM VITAE

Hendrik J. Bolink

Date of Birth: 17/03/1969

Nationality: Dutch.

Address: University of Valencia, Institute of Molecular Science

C/ Cat. J. Beltran 2 46980 Paterna, Valencia, Spain

Tel: + 34963544416 (office)

e-mail: henk.bolink@uv.es

Education Qualifications

1997 Dr. University of Groningen, The Netherlands.

Thesis title: "Photorefractive Polymers".

Promotor Prof. Dr. G. Hadziioannou.

1993 Ms. Polymer Chemistry Department.

University of Groningen, The Netherlands.

Appointments:

2024- till now *Institute of Molecular Science and Chemistry Faculty, University of Valencia, Spain*
Professor

2019- 2024 *Institute of Molecular Science and Chemistry Faculty, University of Valencia, Spain*
Associate Professor

2016- 2018 *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.

Twenty-nine PhD students have graduated under my supervision, and the current team comprises 12 PhD students, two associate professors and one assistant professors (tenure track), six Post-Docs and two technicians.

Teaching:

- 2003- now** Undergraduate courses at the University of Valencia, Chemistry Faculty
- 2008 – now** Master courses in the Master programs of “Nanoscience and Nanotechnology” and “Chemistry”. University of Valencia. Spain.
- 2003- now** Numerous invited lectures at national and international “summer” schools.
- 2010** Accredited as a Professor Titular by the National Spanish Agency of the Evaluation of the Quality and Accreditation (ANECA).

Scientific presentations (5 most relevant):

- MRS Fall Meeting & Exhibit 2024, Boston, USA. Invited presentation.
- 12th Sungkyun International Solar Forum 2024 (SISF2024). Seoul, Korea. Invited presentation.
- PSCO23, Oxford, UK. Invited presentation.
- MRS Fall Meeting & Exhibit 2023, Boston, USA. Invited presentation.
- MRS Fall Meeting & Exhibit 2022, Boston, USA. Invited presentation.

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.

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 359 scientific manuscripts with the following citation indicators. Google Scholar: h-index=89, citations=31985, Web of Science: h-index=80, citations >24900

Additionally, he is named inventor on 17 patents or patent applications.