CV: Martijn Kemerink

General Information

Prof. Dr. Martijn Kemerink (male)
Institute for Molecular Systems Engineering
and Advanced Materials (IMSEAM)
Heidelberg University
Im Neuenheimer Feld 225
69120 Heidelberg

Date of birth: 23.09.1970
Place of birth: Hengelo (NL)
Tel.: 06221 5419831
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Current position: Professor W3

Education

2011 – 2012	University Teaching Qualification
1993 – 1997	PhD in Applied Physics, Eindhoven University of Technology (The Netherlands)
1988 –1993	Bachelor and Master degrees in Applied Physics, Eindhoven University of Technology (The Netherlands)

Professional career

11/2019 –	Professor (W3) in 'Hybrid and Organic Devices', Ruprecht-Karls-Universität Heidelberg
2014 – 11/2019	Full Professor in 'Applied Physics' at the Department of Physics, Chemistry and Biology (IFM) at Linköping University, Sweden
2009 – 2016	Associate Professor ('UHD') at the Eindhoven University of Technology (TU/e), the Netherlands
2003 – 2009	Assistant Professor ('UD') at the Eindhoven University of Technology, the Netherlands
1998 – 2002	Research fellow of the Royal Netherlands Academy of Arts and Sciences (at TU/e)

Activities in the research system

Scientific:

2023 – present	PI in GRK2948 'Mixed Ionic-Electronic Transport'
2021 – present	Project leader of H2020-MSCA-ITN Project 'HORATES'
2021 – 2023	PI in SFB1249 'N-Heterocycles'
2019 – present	PI in Cluster of Excellence 3DMM2O
2017 – 2023	Project leader Vetenskapsrådet 'strong research environment' project OPV2.0
2017 – 2023	Advisory Editor on Organic Electronics for Elsevier Publishers
2017 – 2019	Member of the Scientific Board of *Scientific Reports*
2016 – 2018	Scientific advisor to Saule Technologies, Warsaw, Poland
… – present	referee for Science, Nature, Advanced, ACS, APS, RCS journal families

Teaching:

2019 – present	Lectures and tutorials on Condensed Matter Physics (Ba + Ma) and Organic Electronics (Ma), Dept. of Physics, Heidelberg University.

Academic self-governance:

2022 – present	Founding director of the Institute for Molecular Systems Engineering and Advanced Materials (IMSEAM), Heidelberg University
2022 – present	Vice-dean of the department of Engineering Sciences, Heidelberg University
2019 – 2022	Board member (till 2021) and managing director (from 2021) of the Centre for Advanced Materials (CAM), Heidelberg University

Organization:

2023-2024	Symposium organizer 'Doping in organic semiconductors: fundamentals, materials and applications' (eMRS spring meeting, Strasbourg, France, 2024)
2018-2019	Symposium organizer 'Molecular and Organic Ferro- and Piezoelectrics—Science and Applications' (MRS Fall meeting, Boston, US, 2019)

Memberships:

- Deutsche Physikalische Gesellschaft (DPG)
- Nederlandse Natuurkundige Vereniging (NNV)

Research topics

Advanced scanning-probe microscopy; Brownian motors and ratchets; Charge transport in disordered electronic materials and devices; Device physics; Drift-diffusion and Monte Carlo modeling; Memories; Organic ferro- and piezoelectric materials; Solar cells; Thermoelectricity.