

Personal details

Prof. dr. ir. Mark Huijben

Gender:	Male
Date and place of birth:	22-02-1978, Groningen
Nationality:	Dutch
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Master's degree

University/College:	University of Twente
Date:	28-02-2002
Main subject:	Applied Physics

Doctorate degree

University:	University of Twente
Date:	28-04-2006
Supervisor:	Prof. dr. ing. D.H.A Blank & Prof. dr. ir. H. Hilgenkamp
Title of thesis:	Interface engineering for oxide electronics: Tuning electronic properties by atomically controlled growth. (pdf)

Work experience since graduating

- June 2016 - present* Professor (adjunct) 'Nanomaterials for Energy Conversion and Storage' in the Inorganic Materials Science group, Faculty of Science and Technology, University of Twente, The Netherlands. ([link](#))
- June 2013 – April 2016* Associate professor in the Inorganic Materials Science group, Faculty of Science and Technology, University of Twente, The Netherlands. ([link](#))
- Sep. 2009 – Aug. 2014* Program director of the strategic research orientation 'Nanomaterials for Energy', MESA+ Institute for Nanotechnology at the University of Twente, The Netherlands. ([link](#))
- Sep. 2009 – May 2013* Assistant professor in the Inorganic Materials Science group, Faculty of Science and Technology, University of Twente, The Netherlands.
- Feb. 2008 – Aug 2009* Postdoctoral researcher at the University of Twente, The Netherlands
Experimental research on exchange bias interactions in ferromagnet /multiferroic multilayers in the Inorganic Materials Science group of Prof. D.H.A. Blank, Faculty of Science and Technology. ([link](#))
- Sep. 2006 - Jan. 2008* Postdoctoral researcher at the University of California, Berkeley, USA
Experimental research on magnetic coupling at interfaces in multiferroic oxide heterostructures in the CONCEPT group of

Prof. R. Ramesh, Physics Department ([link](#)), and research on energy conversion by oxide thermoelectrics in the group of Prof. A. Majumdar, Lawrence Berkeley National Laboratory. ([link](#))

May 2006 - Aug. 2006

Postdoctoral researcher at the University of Twente, The Netherlands

Experimental research on conducting two-dimensional interfaces between insulating oxide materials in the Inorganic Materials Science group of Prof. D.H.A. Blank, Faculty of Science and Technology. ([link](#))

Mar. 2002 – Apr. 2006

PhD researcher at the University of Twente & FOM, The Netherlands

Experimental research on the tuning of electronic properties by atomically controlled growth of oxide materials in close collaboration between the Low Temperature division of Prof. H. Hilgenkamp ([link](#)) and the Inorganic Materials Science group of Prof. D.H.A. Blank. ([link](#))

Sep. 2000 – Dec. 2000

Internship, Stanford University, USA

Investigation of the growth of superconducting materials on various templates at the Geballe Laboratory for Advanced Materials under supervision of Prof. Th. Geballe and Dr.Ir. G. Koster. ([link](#))