

PERSONAL INFORMATION

Male, November 22, 1988
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Science Park 904
1098 XH Amsterdam
The Netherlands

EDUCATION

Ph.D., Astrophysics (expected), University of Amsterdam, The Netherlands
Sep. 2014–present
Supervisors: Prof. Carsten Dominik, University of Amsterdam
and Prof. Wim van Westrenen, Vrije University Amsterdam
Thesis: The mineralogy and structure of rocky exoplanets

M.Sc. (magna cum laude), Astronomy and Astrophysics, KU Leuven, Belgium
Sep. 2012–July 2014
Supervisor: Prof. Tim Van Hoolst, KU Leuven / Royal Observatory Brussels
Thesis: The interior structure of super-Earths

B.Tech. (Honours), Electronics and Electrical Communication Engineering, Indian Institute of Technology Kharagpur, India
Aug. 2006–July 2010
Supervisor: Prof. Raja Datta, IIT Kharagpur
Thesis: Performance Evaluation of s-MAC protocol for Wireless Sensor Networks

RESEARCH EXPERIENCE

July–Aug. 2014, Nicolaus Copernicus Astronomical Center, Warsaw, Poland
Supervisor: Dr. Alexis Smith
Data reduction pipeline of *Canada-France-Hawaii-Telescope* for *SuperWASP* exoplanets

Oct.–Dec. 2013, Mercator Telescope, Roque de las Mouchachos Observatory, La Palma, Spain
Supervisors: Prof. Hans van Winckel, Dr. Andrew Tkachenko
Spectroscopic study of three *Kepler* planet candidates

March–June 2013, Belgian Institute for Space Aeronomy, Brussels, Belgium
Supervisor: Dr. Johan de Keyser
Study of Earth's magnetopause based on the data from *Ampte/IRM* and *Cluster* spacecrafts

CONFERENCE CONTRIBUTIONS

26-31 March 2017, Formation and Dynamical Evolution of Exoplanets, Aspen, Colorado, USA (*Talk*)
20-24 March 2017, the 48th Lunar and Planetary Science Conference, Houston, Texas, USA (*Talk*)
23-25 May 2016, the 71st Netherlands Astronomy Conference, Nunspeet, The Netherlands (*Talk*)
7-8 April 2016, the 13th Netherlands Geology Congress, Veldhoven, The Netherlands (*Talk*)
6-8 May 2015, Exoplanet Conference, Lund, Sweden (*Talk*)
12-16 October 2015, Exploring The Universe With James Webb Space Telescope, ESA-ESTEC, Noordwijk, The Netherlands (*Poster*)
7-12 September 2014, European Planetary Science Congress, Cascais, Portugal (*Poster*)

SEMINARS

6 April 2017, Department of Geophysics, University of Chicago, Chicago, Illinois, USA
10 August 2016, Department of Physics and Astronomy, University of Los Andes, Bogotá, Colombia

SUPERVISION EXPERIENCE	Feb.–July 2016, <i>Primary Supervisor</i> of Rob Spaargaren, Department of Earth Sciences and Department of Physics and Astronomy, Vrije University Amsterdam
TEACHING EXPERIENCE	2015–2017, <i>Teaching Assistant</i> , Course on Interstellar and Circumstellar Matter by Prof. Rens Waters, MSc in Astronomy and Astrophysics, University of Amsterdam
WORKSHOPS	<p>1-2 October 2015, Application of X-ray metrology for material science research, University of Twente, Enschede, The Netherlands</p> <p>15-20 March 2015, 45th Saas-Fee course on From Protoplanetary Disks to Planet Formation, Swiss Society for Astrophysics and Astronomy, Les Diablerets, Switzerland</p> <p>6-10 October 2014, NOVA Fall School in Astronomy, Dwingeloo, The Netherlands</p>
POSITIONS OF RESPONSIBILITY	<p>Sep. 2016 – Sep. 2017, PhD Representative, PhD-PostDoc Council, API Institute for Astronomy, University of Amsterdam</p> <p>13 May 2015, Organizer, Planetary and Exoplanetary Science Network (PEPSci) PhD-PostDoc Meeting, University of Amsterdam</p> <p>Sep. 2012 – July 2014, Student Representative, Permanent Education Committee, MSc course in Astronomy and Astrophysics, KU Leuven</p>
INDUSTRY EXPERIENCE	<p>July 2010–Aug. 2012, Nomura, Mumbai, India – <i>Analyst</i> Assigned the ownership and maintenance of Risk Engine, a trade monitoring tool for Equities Division of Nomura-Global. Regularly attended business calls with traders to understand their business requirements and provided a user friendly interface with the help of Java, SQL and Shell.</p> <p>May 2009–July 2009, IBM, Bangalore, India – <i>Trainee</i> Developed the MisCompare Analysis Tool (MCAT) for the hardware verification of PowerPC FPU pseudo-random instruction streams using C and Shell. Was offered a Pre-Placement Offer to join IBM after graduation.</p> <p>May 2008–July 2008, Omega Electronics, Jaipur, India – <i>Trainee</i> Drafted a new design for ETB-246, an educational training kit explaining the working of transformers. Did a live video demonstration describing the features of Radio frequency identification (RFID-1015) kit for the Sales division.</p> <p>May 2007–June 2007, TATA Power, Mumbai, India – <i>Trainee</i> Analyzed the calibration process of the transmitters used for pressure and temperature measurement in the two coal-based units of the 1580 MegaWatt thermal power station.</p>