



Prof. Dr. Jonathan De Roo

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Born:	September 7, 1989	Orcid: 0000-0002-1264-9312
Nationality:	Belgian	ResearcherID: L-3867-2016
Place of Birth:	Eeklo, Belgium	Google scholar: Jonathan De Roo
Civil status:	Married to Maarten Van Winckel	Publons: Jonathan De Roo

EDUCATION

10/2012 – 09/2016	Doctor of Science: Chemistry	Ghent University
	PhD advisors: Prof. Zeger Hens, Prof. Isabel Van Driessche, Prof. José C. Martins Including research visit at ETH Zürich (06-09/2015) with Prof. Maksym Kovalenko PhD defense date: 14/03/2016	
09/2010 – 06/2012	Master of Science in Chemistry	<i>Ghent University</i>
09/2007 – 06/2010	Bachelor in Chemistry	<i>Ghent University</i>

EMPLOYMENT HISTORY

09/2019 – present	Tenure track assistant professor – University of Basel , Basel, Switzerland
10/2018 – 08/2019	Post-doctoral Research Fellow – Ghent University, Gent, Belgium
10/2016 – 09/2018	Post-doctoral Research Fellow – Columbia University , New York, USA With Prof. Jonathan S. Owen

INSTITUTIONAL RESPONSIBILITIES

04/2021 – present	Coordinator of the Organic and Inorganic Chemistry seminar program
01/2021 – present	Student Counselor of the Department of Chemistry, University of Basel
09/2012 – 06/2016	Member of the Faculty of Sciences Library Commission, Ghent University.
09/2008 – 06/2012	Member of the Education Board of the Chemistry program, Ghent University

OUTREACH AND VOLUNTEERING

11/2020	Swiss Chemistry Olympiad weekend in Basel
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11/2018	Science day at Ghent University
04/2018	Science Honors Program for high school students
03/2017	Cornell/Columbia STEM Teachers workshop
03/2017	Workshop on global warming in High School (via OneThroughWorld)
02/2017	Outreach event at the NYC Regional Brain Bee Competition
11/2016	Girls Science day at Columbia University
2013 – 2016	Blogger at Your Formula platform
05/2014	Talk at TEDxGhent 2014

PRIZES, AWARDS and FELLOWSHIPS

09/2017	Special Research Fund (BOF) UGent postdoctoral fellowship
10/2017	Umicore Materials Technology Ph.D. Award “ <i>in recognition of original and excellent scientific PhD research in the field of catalysis</i> ”
10/2017	Scientific prize McKinsey & Company “ <i>in recognition of original PhD research with practical implementation or social and economic relevance</i> ”
10/2016	Fulbright scholarship for a research stay in the USA
10/2016	Belgian American Education Foundation fellowship for a research stay in the USA
05/2016	Umicore poster award “ <i>in recognition of an outstanding poster presentation at EMRS</i> ”
05/2016	E-MRS Young Scientist Award “ <i>for outstanding performance and promise for future substantial achievement in materials research</i> ”.
11/2014	Young Belgium Magnetic Resonance symposium, best presentation award
05/2014	E-MRS Young Scientist Award “ <i>for outstanding performance and promise for future substantial achievement in materials research</i> ”.
05/2014	Reach.Out award “ <i>to recognize members of the Materials Science community who have designed, organised and implemented a public outreach activity in the EU between the 1st of January 2013 and the 27th of April 2014.</i> ”
06/2014	Winner of the TEDxGhent PhD contest
09/2012	Research Foundation Flanders (FWO) predoctoral Fellowship
06/2012	Dow Chemical Company Award, “ <i>for the best student graduating within the program of Master of Chemistry at Ghent University</i> ”
06/2012	KVCV Award, “ <i>for the most meritorious student graduating within the program of Master of Chemistry at Ghent University.</i> ”
06/2010	Oxford University Press Award, “ <i>for the best student graduating within the program of Bachelor of Chemistry at Ghent University</i> ”

INVITED TALKS

07/2021	University of Limerick (online)
07/2021	Internet Nanoge Conference on Nanocrystals (online)
05/2021	Quantum dot school (online)
03/2021	Applied Nanotechnology and Nanoscience International Conference 2021 (online)
11/2020	News in nanocrystals seminar (online)
10/2020	Whitman College, Walla Walla, USA (online)
05/2020	LMU München, München, Germany (online)
04/2020	ETH Zürich, Zürich, Switzerland (online)
12/2019	University of Basel, Basel, Switzerland
10/2019	ICON symposium, Lecce, Italy
04/2019	IST Austria, Vienna, Austria

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06/2018 University of Basel, Basel, Switzerland

03/2018 Lead halide perovskite symposium at ACS New Orleans, USA

04/2016 EPFL, Lausanne, Switzerland

ORGANIZATION OF CONFERENCES

10/2021 NanoFun symposium at Nanoge (with Prof. Brandi Cossairt), Barcelona, Spain

02/2021 Young Faculty Meeting (with Prof. Nina Hartrampf), Bern, Switzerland

ACTIVE MEMBERSHIP IN SCIENTIFIC SOCIETIES

01/2021 – present Swiss Nanoscience Institute

02/2020 – present Swiss Chemical Society