

CURRICULUM VITAE

Michael Stührenberg - Fjärdingsgatan 2B - 417 06 Göteborg - Sweden

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Personal Information

Date of Birth:	May 10 1987
Place of Birth:	Bielefeld, Germany
Citizenship:	German

Academic Education

February 2014 - Now	PhD student at Chalmers University of Technology in nonlinear microscopy. As a Marie Curie early stage researcher in the initial training network FINON (Female Investigators in Nonlinear Optical Nanoscopy)
July 2012 - November 2013	Master thesis in the research group 'Biomolecular Photonics': <i>Exploring the Sensitivity of Stimulated Raman Scattering Microscopy as a Nonlinear Imaging Tool</i> (Prof. Dr. T. Huser)
August 2011 - January 2012	One semester abroad at University of Bergen, Norway
October 2010 - June 2013	Master studies: 'Physics, Profile: Nano-Science', Bielefeld University, Germany, estimated grading: 1.0 - 1.3
October 19 2010	'Bachelor of Science' (Ø-Grade 2.1) Bachelor thesis: 'Diffusionseigenschaften von Quantum Dots und ihre Anwendung, untersucht mittels Fluoreszenz-Korrelationsspektroskopie' <i>Diffusion characteristics of Quantum Dots and their application, analyzed by Fluorescence Correlation Spectroscopy</i> (Ø-Grade 1.0; Dr. M. Schüttpelz)
October 2007 - September 2010	Bachelor studies: 'Physics, Profile: Nano-Science', Bielefeld University, Germany

Related Practical Experiences and Outreaching Activities

April 2016	The International Science Festival Gothenburg 2016, <i>Same but Different</i>
July 2015	Teaching assistant in 'Molecular Microscopy' (Prof. Annika Enejder), Chalmers University
April 2015	The International Science Festival Gothenburg 2015, <i>Life and Death</i>
July 2012 - February 2013	Scientific assistant for introductory courses in physics, Bielefeld University
March 2012 - June 2012	Research group: 'Biomolecular Photonics' (Prof. Dr. T. Huser), Bielefeld University
January 2011 - September 2011	Research group: 'Applied Laser Physics and Laser Spectroscopy' (Dr. M. Schüttpelz), Bielefeld University
September 2010 - October 2010	Teaching fundamentals in physics, (Prof. Dr. M. Schierenberg), University of Applied Sciences Bielefeld
January 2010 - March 2010	Research group: 'Thin Films and Physics of Nanostructures' (Prof. Dr. G. Reiss), Bielefeld University

Dissimination

2015	Bio-Nano-Photonics 2015, Cardiff, UK
2015	FINON workshop on Entrepreneurial and business skills, Mainz, Germany
2015	Graduate Physics Day, Chalmers, Sweden
2015	FINON workshop on academic writing and presentation, ICFO, Castelldefels, Spain
2015	MyFab User Meeting, Malmö, Sweden
2014	FINON workshop on career planning and project management, Chalmers, Sweden
2014	Area of Advance Nano: Community building activity, Uddevalla, Sweden
2014	MicroCOR winter school on Chemical Imaging by Coherent Raman and nonlinear microscopy, Les Houches, France

Generic and Transferable Skills

2015	'Entrepreneurial and Business skills' (Anna Rosinus), Mainz University
2015	'Advanced Communication - Popular Presentations' (Brigitte Hertz), Training for Scientists
2015	'Research Ethics and Sustainable Development' (Elisabeth Saalman), Chalmers Professional Education
2015	'Teaching, Learning and Evaluation' (Jens Kabo), Chalmers Professional Education

Programming

Since 2015	ImageJ scripting
Since 2014	Lumerical Solutions, Finite-difference time-domain method
Since 2011	Usage of scientific relevant systems like Origin, Matlab, Labview, Mathematica
Since 2011	Basic programming with C

Language

2016	'Svenska som andraspråk' Grund, <i>Cuben Utbildning</i> , Gothenburg
2014	'Svenska för invandrare', <i>Cuben Utbildning</i> , Gothenburg
August 2011 - December 2011	'Norwegian Language and Culture for Foreign Language Students, Level 1+2', University of Bergen, Norway

Extracurricular Activities

July 2006 - March 2007	Community service in 'Mathilden-Hospital'
Since 2001	Voluntary work in the local YMCA

Hobbies

Sports:	Indiaca, running, badminton, ultimate-frisbee, tennis
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Contacts

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