

Curriculum Vitæ

Personal Data

Citizenship Swedish / US-American
Date of Birth 26.02.1978
Place of Birth Lund, Sweden
Marital Status Single, two children
Parental Leave Jun 2010 – Apr 2011
CV Updated On May 17, 2017



Academic Vocational Experience

- since Nov 2014 **Research Team Leader, Organic Spintronics**
INSPIRE Group, Johannes Gutenberg University (JGU), Mainz, Germany
– Managing team of seven
– Funded by **ERC Synergy Grant SC2** (No. 610115)
- Feb 2012 – Nov 2014 **Post-doc, Organic Solar Cell Research**
Max-Planck-Institut for Polymer Research (MPIP), Mainz, Germany
– Partially funded by **Toyota Europe**
- since 2011 **Freelance Editor, Materials Science**
Materials Views Online, Wiley VCH Verlag GmbH, Weinheim, Germany
– Commenting high-profile materials- and nano-science publications
- Dec 2009 – May 2010 **Post-doc, Molecular Switches Research**
Fritz-Haber-Institut der Max-Planck-Gesellschaft (FHI), Berlin, Germany
- 2004 **Instructor / Teaching Assistant, Theoretical Physics**
One Semester, Fysicum, Lunds Universitet, Lund, Sweden
– Co-taught introductory classical mechanics, supervised lab exercises

Postgraduate Training

- Jan 2006 – May 2008 **International Max-Planck Research School (IMPRS)**
FHI, Berlin, Germany
– full scholarship; with certificate
- Sep 2005 – Nov 2005 **Workshop "Bridging Time and Length Scales in Materials Science and Bio-Physics"**
Institute for Pure and Applied Mathematics, UCLA, Los Angeles, USA
– full scholarship; with certificate

Education

- Sep 2005 – Nov 2009 **Doctorate Studies**
Fachbereich Physik, Freie Universität / FHI, Berlin, Germany
– Degree: Dr. rer. nat., *Summa Cum Laude* (Feb 2010)
- Sep 2000 – Aug 2005 **Masters of Science Program, Theoretical Physics**
Fysicum, Lunds Universitet, Lund, Sweden
– Degree: M. Sc., *With Distinction* (Dec 2005)
- Apr 1998 **Swedish Scholastic Aptitude Test (SweSAT)**
Växjö, Sweden
– At 99.8-Percentile

Military Service

- 1998 – 1999 **Commander, Combat Boat 90**
3. Amfibiebataljon (Marine Infantry), Karlskrona, Sweden
– NATO rank: 1st Sergeant (1SG); elected company speaker

Software Development

- since Mar 2013 **Developer**
NWChem, Department of Energy, USA
– Simulation software for molecules and nano-components
- 2009 – 2010 **Contributor**
CASTEP, Castep Developers Group, UK
– Simulation software for materials- and surface science
- since 2009 **Lead Developer**
Semi-Empirical Dispersion Correction (SEDC) Module
– Code distributed with CASTEP

Selected Computer Skills

- Office MS- / LibreOffice, Excel / Calc, PowerPoint, L^AT_EX Beamer etc.
- Operating Systems GNU/Linux, MAC OS X, IBM AIX, Windows XP
- Programming FORTRAN, Python, Shell, Matlab / GNU Octave
Wide variety of high-performance computing / scientific software
- Scientific / HPC CASTEP, Gaussian, NWChem, ASE, GPAW, Dacapo
Software IBM LoadLeveler / -POE, PBS / Torque, MPICH{2}, OpenMP

Volunteer Work

- 2007 **Vice Chairman, Organizing Committee**
1st IMPRS Workshop, FHI, Berlin