

### **HIGHER EDUCATION QUALIFICATION (2003-09-01)**

Master of Science, main area of research was physics (with the thesis “Numerical studies of instrumentation for VUV Raman scattering at the free electron laser in Hamburg”).

### **DOCTORAL DEGREE (2007-12-10)**

Ph. D. in physics from the Department of Physics, Uppsala University with the thesis “Soft X-ray Scattering Close to Core Ionization Thresholds in Atoms and Molecules”.

### **POSTDOCTORAL POSITIONS**

2008 – 2010 The PLEIADES beamline at the synchrotron SOLEIL, France.

The first year of my Post Doc period was financed by SOLEIL, I obtained the position in competition with an undisclosed number of applicants. The second year was financed by “Knut och Alice Wallenbergs stiftelse” (KAW), this scholarship was awarded to me in a peer-reviewed scientific competition with an undisclosed number of applicants. The grant from KAW also included a three-year repatriation grant, time which I spent at Uppsala University.

### **DOCENT IN PHYSICS (2013-02-14)**

### **CURRENT POSITION**

2015 – present I am currently employed as a “biträdande lektor” at the Department of Physics and Astronomy at Uppsala University.

### **PREVIOUS EMPLOYMENTS**

2010 – 2015 Forskare (Researcher) at Uppsala University

2008 – 2010 Post Doc at Synchrotron SOLEIL, PLEIADES beamline

2003 – 2007 Ph. D. student at Uppsala University

### **INTERRUPTION IN RESEARCH**

2014 41 days of parental leave including “temporary parental leave” (VAB)

2015 120 days of parental leave including “temporary parental leave” (VAB)

2016 47+ days of parental leave including “temporary parental leave” (VAB)

### **PH. D. AND POST DOCTORAL STUDENTS FORMALLY SUPERVISED BY ME**

Ph.D. students as main supervisor:

Joachim Rausch/Terschlusen (2011 – present), Yixiao Cai (2011 – 2013)

Ph.D. students as assisting supervisor:

Clara Saak (2014 – present)

Dr. Stefan Plogmaker – *graduated 2012-03-30*, Dr. Josephina Werner – *graduated 2015-12-18*

Post Doctoral students as sole supervisor:

Dr. Mattias Svanquist (2012 – 2013), Dr. Nils Krebs (2013 – 2014), Dr. Stefan Plogmaker (2014 – 2015), Dr. Robert Stefanuik (2015 – present)

### **9. TIME SPENT RESEARCH INSTITUTES OTHER THAN UPPSALA UNIVERSITY**

2008 – 2010 Post Doc at synchrotron SOLEIL, France

2005 – 2006 Spent about one year at the synchrotron BESSY II in Berlin, Germany

2004 – 2005 Spent one year at the synchrotron ALS in Berkeley, USA

2004 Invited to the synchrotron SPring-8 and Tohoku University, Sendai in Japan

### **9. UNDERGRADUATE TEACHING EXPERIENCE AFTER PH. D. STUDIES**

In total more than 1500 hours of teaching since 2010 (this excludes teaching as a Ph. D. student).

## **9. COMMISSIONS OF TRUST ETC.**

- 2014 – present Elected by the faculty as a member of the “Academic Senate”, Uppsala University
- 2014 – present Member of the “Elektorsförsamling” at the faculty of science and technology, Uppsala University
- 2012 – 2014 Equality ombudsman (Jämställdhetsombudsman) at the Department of Physics and Astronomy, Uppsala University
- 2012 – present Part of the committee annually distributing “Liljewalchs scholarship”
- 2012 – present Chairman of “Fysiska sällskapet” (The Physical Society) in Uppsala

## **9. PRIZES, FELLOWSHIPS AND AWARDS**

- 2012 Thalénska priset from the Royal Society of Sciences for my development of HELIOS and time-resolved studies in liquids.
- 2009 Post Doc scholarship from KAW to initiate a research program focusing on studying free nanoparticles with soft X-rays and photoelectron spectroscopy. This scholarship also included a three-year repatriation grant.
- 2007 Ångströms premium. This prize is awarded one, two or maximum three young researchers at the department of physics at Uppsala each year – 2007 it was awarded to me alone.
- 2004 Scholarship from The American-Scandinavian Foundation (\$12 000 USD)
- 2003 Best poster award at the international ICES 9 conference in Uppsala
- 1997 I was awarded Rotary Internationals scholarship *En god kamrat* (A good friend).

## **9. APPOINTMENTS/BOARD PARTICIPATION ETC.**

- I have been a faculty board member of three Ph. D. thesis evaluation committees.
  - Jill Sundberg (Uppsala University, October 2014)
  - Alexandr Nasedkin (Uppsala University, October 2014). I was an official reserve.
  - Jörg Schwenke (Lund University, January 2012). During the defenses I had pneumonia and unfortunately could not participate.
- I am member of the group that yearly distributes scholarships (Liljewalchs stipendium) to Ph.D. students at the faculty of science and technology (Uppsala University). 2014 year the total budget was 3 MSEK. During 2015 a colleague handled this since I was on parental leave.
- I am a member (since 2014) of the “Elektorsförsamlingen” at the faculty of science and technology (Uppsala University)
- I am a member (since 2011) of the Strategic Council at the Department of Physics and Astronomy

## **9. CONFERENCES ORGANIZED BY ME AND SELECTED ORAL PRESENTATIONS**

- 2011 Oral presentation presenting the HELIOS laboratory at ASOMEA-6 in Japan
- 2010 Member of the local organizing committee for the DyNano 2010 workshop in Corsica, France
- 2008 Oral presentation on “Core ionization of N<sub>2</sub>O near the N1s ionization threshold” at the international conference X08 in Paris, France
- 2007 Oral presentation on “X-ray Emission–Threshold-Electron COincidence Spectroscopy on atoms and small molecules” at the National Biannual Meeting of the Atomic and Molecular Physics Section of the Swedish Physical Society in Umeå
- 2007 Organized the “Biannual meeting of the Atomic and Molecular Physics Section of the Swedish Physical Society” in Uppsala, Sweden together with my previous supervisor Jan-Erik Rubensson. This conference had about 60 attendants.
- 2001 I was the main organizer of the conference “*Den Bubblande Kunskapsverksta'n*” in Göteborg. This conference had about 100 attendants.