

Part B:

Name: Mats Thomas Wågberg

Social status: Married, 3 children (born July -99, Oct -03, and May -07)

I. Academic degrees

- Master of Science in Physics at Umeå University 1996
- Phil. licentiat in Experimental Physics at Umeå University, Nov 1998.

II. Doctoral degrees

- Ph. D in Experimental Physics at Umeå University, 2002-01-11, Studies of polymeric and intercalated phases of C₆₀. Supervisor, Bertil Sundqvist.

III. Post doc positions

- **Post-Doc**, Montpellier, France, supervisor Patrick Bernier, Jan 03-Dec -04
- **Post-doc**, Umeå University Jan 05-Feb-06 (70 % research)

IV. Docent competence

- Docent in Physics (Associate Professor), 2011-01-26.

VI. Earlier employments

- **PhD in Exp. Physics**, Umeå University 1996-2001
- **Post-Doc**, Montpellier, France, supervisor Patrick Bernier, Jan 03-Dec -04
- **Post-doc**, Umeå University Jan 05-Feb-06 (70 % research)
- **Lecturer**, Umeå University Nov 01-Dec -02 (25 % research)
- **Forskningsassistent**, Umeå University, Feb- 06--Oct-09
- **Vikarierande Universitetslektor**, Oct-09—March 10

VII. Parental leave

From Jan 2001-Aug 2001 with Sophia Wågberg and Jan 08-Aug 08 with Isabelle Wågberg

VIII. Supervision

- Supervisor for P. Stenmark (licentiate degree, November 2009), Florian Nitze (graduated May 2013), Hamid Barzeghaar (graduated Jan 2015), Tiva Sharifi, and Robin Sandström
- Assistant supervisor for A. Dzwilewski, graduated June 2009, Andreas Sandström (graduated Sep 2013), Cristian Larssen (graduated Jan 2015), Amir Asadpoordarvish, Jenny Enevold, Nicolas Boulanger
- Supervisor for Post-docs Guifu Zou, Edy Abou-Hamad, Mingguang Yao, Guangzhi Hu, Xueen Jia, Eduardo Gracia-Espino.

IX. Personal Honors

Kempfonden, 1996, 1997 (vt), 1997 (ht)

Lars Hierthas memory, 1997

Fellow selected by Nobel Foundation, 1997

Wallenbergs scholarship for research at UC Berkeley, 1997

Marie-Curie scholarship for research in Paris (Orsay), 2001.

Post-Doc scholarship from Wenner-Gren Foundation. 2003-2005

Wenner-Gren fellow, 2003-2008

Young researcher award, Umeå University, 2009-2010

Research Grants (For all below I have been main applicant)

Kempfonden travel grant, 1996, 2001. **7000 SEK, 5000 SEK**

Kempfonden research grant, 1997, 1998, 1999. **10000 SEK, 15000 SEK, 10000 SEK**

Royal Academy of Science (KVA), 2001. **7000 SEK**

Helge Axelsson-Johnsons foundation, 2000. **40 000 SEK**

Magnus Bergvalls foundation, 2002, 2005, 2007, 2009 60 000 SEK, 30 000 SEK, 40 000 SEK, 50 000 SEK

Kempe foundation, 2004, 2010 100 000 SEK, 400 000 SEK

Knut & Alice Wallenberg foundation, 2005 230 000 SEK,

Långmanska kulturfonden, 2005, 30 000 SEK

Carl Tryggers stiftelse, 2006,2007, 186 000 SEK, 100 000 SEK

Wenner-Gren Foundations, 2006, 2007, 230 000 SEK, 230 000 SEK.

Vetenskapsrådet, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016

710 000, 690 000, 670 000 SEK, 950 000 SEK, 950 000 SEK, 950 000 SEK, 750 000 SEK, 750 000 SEK, 750 000 SEK

Young researcher award, Umeå University 2009-2010

1 000 000 SEK, 1 000 000 SEK.

Ångpanneföreningen 2010-2011 400 000 SEK, 400 000 SEK.

Gustaf Richerts stiftelse 2010, 2011 300 000 SEK, 210 000 SEK

Research grants (where I have been PI, but not main applicant)

4 500 000 SEK, 2010, by Knut & Alice Wallenberg foundation to build the vibrational spectroscopy platform (main applicant, Per Persson),

11 000 000, 2010-2014, Light in Science and technology, Strong research environment selected by faculty, One of four PI:s (Main applicant Ove Axner)

12 000 000, 2010-2014, Solar Fuels, Strong research environment selected by faculty, One of seven PI:s (Main applicant Johannes Messinger)

45 000 000 SEK, 2011-2015 by Knut & Alice Wallenberg foundation as Principal investigator (1 out of 7) for the project artificial leaf,

Research visits at other laboratories

- Technical University of Vienna, Austria, 12 months during master thesis.
- University of Berkeley (Group led by Professor Alex Zettl), 7 months, 1998.
- Université Paris Sud- Orsay (Group led by Professor Roger Moret), 3 months 2001.
- Université Montpellier II (Group led by Professor Patrick Bernier) 24 months, 2003-2004.
- Invited guest Professor (with salary) to Université Montpellier II, one month June-July 2009

Other merits

- Speaks, reads and writes English (fluent), German (high level), French (high level) .
- Member of the evaluation committee for PhD Thesis of Edy Abou-Hamad, University of Montpellier, December 2008.
- Main opponent for Harry Lipsanen, Oulu University, Finland
- Member of the evaluation committee for PhD Thesis of Edy Abou-Hamad, University of Montpellier, December 2008, Licentiate Thesis of Mikhail Modestov, Umeå, University February 2010, Doctorate Thesis of Mikhail Modestov, Umeå, University November 2011, Doctorate Thesis Anna Simanova, Umeå, University December 2011, Doctorate Thesis of Peter Miäke, Umeå, University April 2012., Jarmo Kukkola, Oulu University, September 2013, Maxime Noel, Luleå University, January 2015
- Invited speakers to several attended conferences and work shops each year.
- Reviewing more than 30 papers per year for leading journals (Phys. Rev. Lett, J. Phys. Chem Sol., Phys. Rev B, Carbon, Phys Rev B, European Polymer Journal, Nanoscale, Advanced Materials, ACS Nano, Electrochimica Acta, Journal of Materials chemistry A...
- Organizing committee “International work shop in vibrational spectroscopy-Umeå, 2012, with 100 attendants”

- Main organizer (together with Prof. Ludvig Edman) of “6:th Renewable energy meeting at Umeå University 2014”, with more than 300 international participants”
- Member of the steering committee for Electron microscopy core facility at Umeå University
- Member of the steering committee for Vibrational spectroscopy core facility at Umeå University
- Member of the Faculty board at Tek-Nat, Umeå University
- Board member in “Kemiskt-biologist center (KBC), Umeå University.