

Roland Lindh, 580326-4414

Curriculum Vitae

Hjert Roland Arne Lindh

Home address:

Storgatan 16A

S-753 31 Uppsala
Sweden

Business address:

Dept. of Chemistry – Ångström,
the Theoretical Chemistry Programme
P. O. Box 518
S-751 20 Uppsala
Sweden

Phone:+46-709-468634

Phone:+46-18-471 3263

Email: Roland.Lindh@kemi.uu.se

1. **University degree:** B.A., in Chemistry, 1983. (studies at Lund University and University of California, Los Angeles (UCLA)).
2. **Doctoral degree:** Ph. D., 1988, theoretical chemistry, title: "Development and Applications of Ab initio methods", Ph.D. Advisor: B. O. Roos.
3. **Post doc position:** Visiting Scientist in the group of Dr. Bowen Liu at IBM Almaden Research Center, San Jose, CA, USA, Aug. 1988 - Dec. 1990.
4. **Lectureship** (docent): docent in theoretical chemistry 1992.
5. **Current position:** Professor and Chair, Dept. of Chem. -Ångström, the Theoretical Chemistry Programme, Uppsala University, 2010/05/01 – present, 100%
6. **Earlier position:**
 1. Full professor, Dept. of Theor. Chem., Univ. of Lund, Sweden, 2007/07/01 - 2010/04/30
 2. Full professor, Dept. of Chem. Phys., Univ. of Lund, Sweden, 2003/05/16 – 2007/07/01
 3. Lecturer, Dept. of Chem. Phys., Univ. of Lund, Sweden, 1997/07/01 – 2003/05/15
 4. HPRD-lecturer, Dept. of Chem. Phys., Univ. of Lund, Sweden, 1997/01/01 – 1999/12/31
 5. Professor, Dept. of Applied Chem., Univ. of Tokyo, Japan, 1998/04/05 – 08/01
 6. Assistant Professor, Dept. of Theor. Chem., Univ. of Lund, Sweden, 1991 – 1997/06/30
7. **Intermissions:** -
8. **Ph D students and Post docs:**
 1. *Anders Bernhardsson*, 1994-99, Ph. D. 990423, thesis title: "Theoretical studies of response properties of organic molecules".
 2. *Jonna Stålring*, 1997-2001, Ph. D. 011214, thesis title: "Studies of Molecular Systems with Multiconfigurational Methods".

3. *Jesper Wisborg-Krogh*, 2002-2006, Ph. D. 060324, thesis title: "Development and Implementation of Methods in Theoretical Chemistry".
4. *Jonas Boström*, PhD student, 2007-2012, Ph. D. 120112, thesis title: "Reduced Scaling Methods for Quantum Chemical Structure Optimization".
5. *Mickaël Delcey*, PhD student, 2010-present, preliminary thesis title: "Graphical contracted functions applied to the CASPT2/CASSCF paradigm".
6. *Pooria Farahani*, PhD student, 2010-present, preliminary thesis title: "Ab Initio Molecular Dynamics".
7. *Martin Schütz*, post doc, 1994-1997.
8. *Thorstein Thorsteinsson*, post doc, 1999-2001.
9. *Malgorzata Wiersbowska*, post doc, 2000-2001.
10. *Ajitha Devarajan*, post doc, 2003-2005.
11. *Ya-Jun Liu*, post doc, 2005-2006.
12. *Luca de Vico*, post doc, 2005-2008.
13. *Fengyi Liu*, post doc, 2007-2009.
14. *Michiko Atsumi*, post doc, 2010-2011.
15. *Daniel Roca Sanjuán*, post doc, 2010-2012.
16. *Marie-Céline Van Severen*, post doc, 2011-2012.
9. **Other information:** Winner, together with Dr. M. Schütz, of the Sup'Eur's 1996 Sup'Prize \$10,000 price for the best new computer program developed for IBM hardware. Member of the editorial board of *Chemical Physics Letter*, *International Journal of Quantum Chemistry* and *Computer Physics Communications*.