

Dr Lars Rune Öhrström

Languages: Fluent in Swedish, French and English. Basics: German

1. *MSc Chemical Engineering*, Royal Institute of Technology, Stockholm, 1988

2. *PhD degree*

1993, Inorganic chemistry, Royal Institute of Technology, Stockholm

title: *Coordination for Catalysis - Structure, Bonding and reactivity of some Rhodium and Iridium Alkene Complexes*, supervisors: J. Glaser, B. Åkermark, (I. Grenthe, K. Zetterberg)

3. *Postdoctoral work*

1993-1995, French Atomic Energy Commission, Grenoble, Coordination Chemistry Laboratory

4. *Docent (associate professor):* 1997

5. *Present position:*

Professor of Inorganic Chemistry (full professor 2011-)

Head of Programme in Chemical Engineering (2013-)

6. *Earlier employments*

1. Docent, Inorganic chemistry, CTH,	2001-2004
2. "Forskarassistent", docent, Inorganic chemistry, CTH	1997-2001
3. Forskarassistent, Inorganic chemistry, CTH	1996-1997
4. TFR-repatriation. Inorganic chemistry, CTH	1995-1996
5. TFR-postdoc CEA-Grenoble	1993-1995
6. SIDA-stipendee Univ. of Botswana, 3 months.	1989-1989
7. NFR-grad.student, Inorganic chemistry, KTH	1988-1993
8. Teaching assistant, Physical chemistry, KTH	1987-1987
9. Bank clerk, SEB, Stockholm	1983-1983

b. *Shorter research visits*

French Atomic Energy Commission, Grenoble, 1 month 2001

University of Lyon I Claude Bernard, Laboratoire des Multimateriaux et Interfaces, 1 month 2004

7. *Parental leave:* total of approx. 16 months 1998-2006, Part time work 80% 2007-2009

8. *Supervising*

PhD-stud. main superv: K. Larsson, 2003; M. Ghazzali, 2008; C. Borel, 2009; A. Massoud 2011

Licentiate-students graduated, A. Nimmermark, 2014

PhD-students graduated, deputy supervisor: C. Hasselgren, 2002, T. Ljungdahl 2006

Post-doctoral co-workers: M. Abu-Youssef (2002), C. Desroches (2003), F. Thébault (2008-2010), A. Karmakar (2011-2012), E. Laurila (2012-2014), J. Spekrijse (2015-2016)

Master students graduated: S. Wahlberg 1990, K. Larsson 1998; T. Ljungdahl 1999, Björn Olsson, 2004, M. Johansson, 2005, S. Gårdebjer, 2010, S. Evertsson, 2011, K. Hansson, 2012

9. *Present positions of trust, awards etc. (international relevance only)*

- Vice President 2014-17 Div. of Inorganic Chemistry, IUPAC (International Union of Pure and Applied Chemistry) & president elect for 2018-20
- Vice President of the Swedish Chemical Society, 2013-2017
- Titular member 2012-13 IUPAC Division of Inorganic Chemistry
- Member of four IUPAC task groups, chair of two.

- Member of the editorial advisory board for CrystEngComm, (2009-) and Zeitschrift für Kristallographie, (2013-).

Reviewing and refereeing

- External reviewer for the Portuguese Found. Science & Techn. 2010, 2012, 2014, Reviewer for the US Nat. Science Found. 2010, Reviewer for the Austrian Science Fund 2013, Reviewer for the Research Council of Norway 2013, 2014, Reviewer for the Estonian Research Council 2013, 2016; Polish Research Council 2016, Refereeing for: Nature, Science, Chem. Commun., Dalton Trans., CrystEngComm, J. Am. Chem. Soc
- Member of the panel for Development Research, Swedish Research Council, 2015, 2016

Prizes, appointments and such (international)

- Appointed Visiting Professor, Aoyama Gakuin Univ., Japan, Nov. 2010 & Aug. 2015
- Appointed Visiting Scholar, Univ. of California, Berkeley, Aug-Dec 2017

Conference organised etc. (international)

- Co-organiser of the SwedAlex Symposium on Scientific, Social and Cultural Sustainability through Chemical Research, Alexandria, Egypt, 26th Sept. 2017
- Co-organiser of workshop, Samara, Russia 21-23 May 2015.
- Organiser of Trends in Inorganic Chemistry Symposium in Stockholm, May 23rd, 2012
- Organiser (with N. Kann, N. Tshabang) Swedish Research Links Organic & Inorganic Chemistry Symposium & Workshop Southern Africa, Gaborone 9-10th January 2012
- Co-organiser of Nordforsk Crystal Engineering and Supramolecular Materials workshops in: Vilnius, Lithuania, 21-25 April 2007, Joensuu, Finland, 18-20 August 2008, Tallinn, Estonia, 26-29 August 2009.

Faculty opponent etc. outside Nordic countries

- Faculty opponent (equivalent), Nada Abrar, Kuwait Univ., 18th Feb. 2015.

10. Publications: 99 articles in peer reviewed journals, 1 monograph, 1 book chapter, 3 technical reports, 4 articles and reports in the field of teaching and pedagogy, 4 chemistry magazine articles, 2 popular science articles, 12 popular science podcasts (RSC), 1 popular science book in 5 editions Eng. (hardback & pocket), Span., French, and Swed. Complete list 1995- see: <https://publications.lib.chalmers.se/lists/publications/people/>

11. Invited talks to international conferences and invited talks to universities etc. 2012- International Conference on Chemistry Progress for Sustainable Development, Bibliotheca Alexandrina, Alexandria, Sept. **2017**

Conference of the Italian Crystallographic Association, Perugia, June, **2017**

1st Pan African Crystallography Conference, Dschang, Cameroon, Oct. **2016**

Journées IMBG, Grenoble, France, May **2016**

Topology representation in coordination networks, & MOFs, Samara, Russia, May **2015**

150 years of Beautiful Structures and Defects, Ho Chi Minh City, Nov. **2014**

Past, Present, and Future of Crystallography@Politecnico di Milano, June **2013**

MOF2012, Metal-Organic Frameworks, Edinburgh, Sept. **2012**

12. Patents and Entrepreneurship

One patent (sold) and two patent applications.

13. Administrative experience

Head of Programme in Chemical Engineering since 2013, a 30% post, Task: Administrative, budget and academic leadership responsibilities for the MSc programme in Chemical Engineering (55 students admitted each year).