

## Henrik Grönbeck

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## Personal Data

Born Jan 26, 1966 in Halmstad, Sweden  
Citizen of Sweden

## Education

Dec 2005 Docent in chemical physics at Chalmers University of Technology  
Dec 1996 Doctors degree of philosophy in physics, Göteborg University.  
June 1994 Licentiate of philosophy degree in physics, Göteborg University  
1991-1996 Graduate student of physics, Göteborg University.  
Sept 1991 Master of science in physics from Göteborg University.  
1990-1991 Undergraduate student of physics, Freie Universität Berlin.  
1988-1991 Undergraduate student of physics and mathematics, Göteborg University.  
1986-1987 Undergraduate student of physics and mathematics, Lund University.  
1985-1986 Undergraduate student of history of ideas and science, Göteborg University.

## Employment Summary

Nov 2016- Full professor of Physics, Department of Physics, Chalmers  
July 2012 – Oct 2016 Professor of Physics, Department of Applied Physics, Chalmers.  
March 2009 – June 2012 Associate Professor, Department of Applied Physics, Chalmers.  
Jan 2006 – Feb 2009 Researcher, Department of Applied Physics, Chalmers.  
Oct 2001 - Dec 2005 Assistant Professor, Department of Applied Physics, Chalmers.  
Sept 1999 - Oct 2001 Radar System Engineer, Ericsson Microwave Systems AB.  
Mar 1999 - Aug 1999 Researcher, Department of Physics, Göteborg University.  
Sept 1997 - Feb 1999 Post-Doc, IBM Research Division (NFR/STINT program).  
Dec 1996 - Aug 1997 Researcher, Department of Physics, Göteborg University.  
Sept 1991 - Dec 1996 Research assistant, Department of Physics, Göteborg University.  
Sept 1987 - Jul 1988 Nurse's assistant, Vasa Sjukhus, Göteborg.  
Aug 1985 - Jun 1986 Civil Service, Bagaregårdsskolan, Göteborg.

## Publications

More than 180 scientific papers. More than 8000 citations, H-index: 45 (Google Scholar). See [www.kck.chalmers.se/~ghj/publications.html](http://www.kck.chalmers.se/~ghj/publications.html) for complete list of publications. More than 90 (invited and contributed) talks and seminars. Numerous poster presentations.

## Supervision (main) of PhD students

Peter Broqvist (PhD 2005)	Björn Wickman, (PhD 2010)
Simon Klacar (PhD 2013)	Adriana Trincherro (PhD 2015)
Pooya Tabib (PhD 2016)	Maxime Van den Bossche (PhD 2017)
Mikkel Jorgensen (PhD 2019)	Lin Chen (2015- )
Alvaro Posada Borbon (2016- )	Noemi Bosio (2018- )
Yingxin Feng (2019-)	

## Supervision of Post-docs

Anders Hellman (2006 - 2008), Gustav Karlberg (2007 - 2008) Oliver Paz-Borbon (2011 - 2013), Jakub Baran (2011 - 2013), Samira Siahrostami (2013), Christopher Heard (2014 -2016), Matthias Vandichel (2016-2018), Michael Busch (2016-2018).

### **Supervision of Master thesis**

At Chalmers (11 thesis) and Ericsson Microwave systems (1).

### **Grants**

1997-1999 Post-doctor grant (with repatriation) from NFR/STINT  
2002- Energimyndigheten via Competence Centre for Catalysis  
2006-2020 Research grant from VR (except 2016)  
2006-2010 Travel grants from COST action D41  
2009-2012 Research grant from SSF (FUNCAT)  
2010-2012 Research grant from FORMAS  
2011-2014 Research grant from NordForsk (NORDCAT)  
2012-2015 Research grant from VR (Röntgen-Ångström)  
2013-2016 Research grant from VR (Röntgen-Ångström)  
2016-2018 Research grant from VR (Röntgen Ångström)  
2012-2015 Travel grants from COST action CM1104  
2012-2019 Chalmers AoA Transport, Materials, Nano  
2016-2020 Research grant from KAW  
2019-2022 Research grant from FFI  
2019-2021 Research grant from FORMAS

### **Awards**

1997 Post-doctor grant from NFR/STINT  
2012 Guest researcher at Hokkaido University

**Management committee:** COST Action D41 (2006-2010), COST Action CM1104 (2012-2016)

**Board:** C3SE (2007-), SNIC User Group, (2007-2009), Competence Centre for Catalysis at Chalmers (2009-)

**Project Leader:** SSF program FUNCAT (2010-2013), NORDCAT (NordForsk program (2011-))

**Deputy program manager:** Mistra-E4 (2006-2010), **Deputy director:** Competence Centre for Catalysis (2009-).

**Head of Chemical Physics** (2012- )

**Faculty opponent at PhD defenses:** University of Aarhus (2 times), Alto University (2), Technical University of Denmark, (2), University of Birmingham (1), Tampere University (1), Borås University (1), University of Jyväskylä (1) and University of Iceland (1).  
**Evaluation committee at PhD defenses:** Göteborg University (4 times), Chalmers (6), Lund University (2), Uppsala University (4), University of Jyväskylä (1), Milano-Bicocca (1), Stockholm University (1), Harish Chandra Research Institute, India (1), University of Cape Town (1) and KTH (2).

### **Attended Pedagogical Courses**

Autumn 2011 Diploma of Higher Education, Chalmers

Autumn 2002 Projektledning för Akademiker (PAK) at Chalmers

**Teaching (Lecturing):** Lecturer in Chemical Physics (2006/2007), Catalysis (2003-2009)

Micro-kinetic Modeling (2005/2007/2009/2011), Catalytic Emission Control

(2003/2005/2007/2009), Computational Physics A (2006-2009), Computational Physics B (2009-2011), Clusters, fullerenes and nanotubes (2003/2004), Applied Quantum Physics (2010-)

### **Organization**

ISSPIC 13 (Göteborg 2006), 13th Nordic Symposium on Catalysis (Göteborg 2008),

International Symposium on Monolayer-Protected Clusters (Jyväskylä, September 2008).

COST Action D41 Workshop (Göteborg 2009), Jyväskylä Summer School on Clusters (2012 and 2016), Nordic Summer School on Clusters (2014), CECAM workshop Lausanne (2015),

Swedish Theoretical Chemistry 2017, numerous smaller (~20 persons) workshops within KCK, Mistra-E4, FUNCAT, NORDCAT, HEXCHEM, KAW, FFI-project.