

Curriculum Vitae Lars E. Ekberg

Borgåsvägen 34
438 32 Landvetter
Sweden
Phone: 0703-15 11 55
E-mail: lars.ekberg@cit.chalmers.se



Education and degrees

- 1987 M.Sc. in Civil Engineering, Chalmers University of Technology, Gothenburg, Sweden
- 1992 Lic.Eng. in Building Services Engineering, Gothenburg, Sweden
- 1994 Ph. D. in Building Services Engineering, Chalmers University of Technology, Gothenburg, Sweden, June 3, 1994. Thesis: "*Airborne Contaminant in Office Buildings: Some Aspects of Factors Influencing the Indoor Air Quality*". Supervisor: Prof. Ove Strindehag.
- 2000 Associate Professor, in Building Services Engineering, Chalmers University of Technology, Gothenburg, Sweden.

Employments

- 1994-1995 Post Doc. Danish Building Research Institute, SBI, Hørsholm, Denmark. Post-doctoral visit with senior researchers Lars Gunnarsen and Ole Valbjørn.
- 1996-2003 Researcher and research assistant at the department of Building Services Engineering Chalmers University of Technology, Gothenburg, Sweden.
- 1999-2011 Project Manager, CIT Energy Management AB, Gothenburg, Sweden.
- 2011-2013 Responsible for Business Area Real Estate Companies and Industry, CIT Energy Management AB, Gothenburg, Sweden.
- 2013- present Business Area Manager: Real Estate Companies and Industry, CIT Energy Management AB, Gothenburg, Sweden.

Academic supervision

- 1991-present Supervision of over twelve (12) master thesis projects carried out at Building Services Engineering, Chalmers. Main supervisor of seven (7) of these.
- 1997-2011: Assistant Supervisor for five (4) Ph.D. students at Building Services Engineering, Chalmers.
- Jan Melin, graduated 1997 (Ph.D.)
 - Martin Kraenzemer, graduated 1999 (Ph.D.)
 - Alireza Afsahari, graduated 1999 (Ph.D.)
 - Magdalena Kvernes, graduated 2003 (Lic.Eng.)
- 2001-2004 Main supervisor for Ph.D.-student Uve Matson, Building Services Engineering, Chalmers, graduated 2003 (Lic.Eng) and 2004 (Ph.D.)
- 2008-2013 Main supervisor for Ph.D.-student Bingbing Shi, Building Services Engineering, Chalmers, graduated 2013 (Ph.D.)

Academic service

- 1999 - Multiple reviews for scientific journals: Atmos. Env., Indoor Air, J. Air & Waste Mgmt. Assoc., RHEVA Scientific Journal, ASHRAE Journal.
- 2002 Evaluation of scientific and pedagogic competence of PhD Manus Mattsson in conjunction with his promotion to university lecturer, September 2002.
- 2009 Member of the examination board at the PhD-disputation of Claes Blomqvist, "Distribution of ventilation air and heat by buoyancy forces inside buildings", Dept. of Architecture and the Built Environment, KTH, Gävle, April 2009.
- 2011 Evaluation of three applications for a position as senior researcher at the Danish Building Research Institute (SBI), Aalborg University, November 2011.
- 2011 Opponent at the licentiate seminar of Catinka Ullmann, "Airborne contamination risks in autoclaves and freeze-dryers when chamber doors are open", Dept. of Buildings Services Engineering, Royal Institute of Technology (KTH), March 16, 2011, Stockholm.
- 2014 Opponent at the PhD-defense of Michal Spilak, "Exposure to Particulate Matter in Dwellings and Beds", Aalborg University, Copenhagen.

Non-academic service as specialist

- 2000-2003 Swedish Energy Agency: Expert of air filtration techniques.
- 2001-2004 Swedish National Property Board: Chairman of expert panel on remediation of indoor environment problems at the Museum of Modern Arts, Stockholm.
- 2006-2010 Swedish National Property Board: Manager of development of Indoor Climate and Energy Efficiency Program for the Royal Opera House in Stockholm.
- 2004-2005 The Swedish HVAC Trade Association – Energi & Miljötekniska Föreningen:
and 2013 Revision and development of indoor environment quality guidelines.
- 2005 Natl. Board of Health and Welfare: Expert in ventilation and airborne particulate contamination.
- 2011-present Teacher within the international certification of cleanroom testers, Cleanroom Testing and Certification Board International, CTCB-I. <http://www.ctcb-i.net/>
- 2012-present Chairman of the jury for the annual Great Indoor Climate Prize (Stora Inneklimatpriset), administered by three major Swedish HVAC trade organizations. http://www.slussen.biz/admin/news/newNews_SitePage.aspx?newNewID=15187&parMenMPaID=571
- 2013-present Member of working group within the Swedish Chapter of the International Society for Indoor Air Quality and Climate (SWESIAQ). Development of The SWESIAQ Model – A Systematic Method for Indoor Environment Investigations. www.swesiaq.se
- 2014-present Chairman of working group within the Swedish Chapter of the International Society for Indoor Air Quality and Climate (SWESIAQ). Developing recommended practice for checking of ventilation system function. www.swesiaq.se

Publications

Details are presented in Appendix 2, *Publication list*. The number of publications is summarized below:

Peer-reviewed journals	15
Peer reviewed conferences	18
Other conf. contrib. and reports	23
Book chapters	11
<u>Popular science publications</u>	<u>50</u>
Number of publications	117

Pedagogical qualifications

Details are presented in Appendix 3, *Pedagogical portfolio*. In summary, Lars Ekberg has close to 30 years of experience from academic teaching and supervision on master and doctoral levels. He also has extensive experience from non-academic teaching and sharing information with practitioners.

Lars Ekberg

Göteborg 2017