

## CURRICULUM VITAE

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### Education, degrees and appointments

- 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.
- 2019 Adjunct Professor, Indoor Climate Technology, Dept. Of 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.
- 2018 Member of the Scientific Committee of the VCCN International Symposium on Contamination Control, ISCC2018, The Hague, 23-26 September 2018. Session chair of two sessions.
- 2019 Chairman of public PhD-defense of Abolfazl Farahani, "A systematic approach to strategic maintenance and renovation planning in multifamily

buildings”, Dept. of Architecture and Civil Engineering, Div. Building Services Engineering, Chalmers. 2019-06-11.

### **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](http://www.slussen.biz/admin/news/newNews_SitePage.aspx?newNewID=15187&parMenMPaID=571)
- 2013-2018 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](http://www.swesiaq.se)
- 2014-2018 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](http://www.swesiaq.se)

### **Publications**

Details are presented in a separate *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 a separate *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.