

Short Curriculum Vitae Ulf Jeppsson

Personalialia

Name: JEPPSSON, Ulf Anders Christian
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Date/place of birth: August 14, 1964, Lund, Sweden
Nationality: Swedish
Civil status: Single
Present position: Associate professor and Deputy Head of Department
Place of employment: Div of Industrial Electrical Engineering and Automation (IEA),
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Chronological Summary of Degrees and Positions

04/84: Officer's commission as officer in the reserve (rank of Lieutenant) at Skånska Luftvärnsregementet, Ystad.
08/84 - 10/88: Master of Science programme, Engineering Physics, Lund University.
11/88: **Master of Science Engineering Physics** degree.
10/88 - 12/88: Acting control engineer, ABB Corporate Research, Lund.
01/89 - 12/96: Employment as doctoral candidate, Dept of Industrial Electrical Engineering and Automation (IEA), Lund University (70% research, 30% departmental work (teaching, etc.)).
07/89 - 08/89: Military academy (higher level officer's training), Luftvärnsskjutskolan, Norrtälje. Shortly thereafter officer's commission as officer in the reserve (rank of Captain) at Skånska Luftvärnsregementet, Ystad.
05/93: **Licentiate of Engineering** in Industrial Automation, IEA, Lund University.
05/96: **PhD** in Industrial Automation, IEA, Lund University, with focus on modelling and control of wastewater treatment systems.
01/97 - 06/97: Acting Postdoctoral Fellow in Industrial Automation, IEA, Lund University.
07/97 - 06/01: **Postdoctoral Fellow** in Industrial Automation, IEA, Lund University.
07/00 - 12/05: **Deputy head of Department**, IEA, Lund University.
07/01 - 12/03: **Assistant Professor** in Ind. Automation, IEA, Lund University.
12/03: **Degree of Associate Professor (Docent)** in Industrial Automation with focus on Urban Wastewater Systems, IEA, Lund University.
01/03 - ...: **Associate Professor** in Ind. Automation, IEA, Lund University, **head of IEA Research Group on Water**.
01/06 - 12/07: **Head of Department**, IEA, Lund University.
01/08 - 12/13: **Deputy head of new Department**, MIE, Lund University.
01/14 - ...: **Deputy head of new Department**, BME, Lund University.

1. Higher education qualification

Master of Science Engineering Physics degree, Faculty of Engineering, Lund University, 1988.

2. Doctoral degree

Jeppsson, U. (1996), *Modelling Aspects of Wastewater Treatment Processes*, Ph.D. thesis, ISBN 91-88934-00-4, IEA, Lund University, Lund, Sweden.

Supervisor: Professor Gustaf Olsson. Research area: Industrial Automation in wastewater systems.

3. Postdoctoral positions

Postdoctoral Fellow in Industrial Automation, IEA, Lund University 1997-2001.

4. Qualification required for appointment as docent

In Industrial Automation with focus on Urban Wastewater Systems, IEA, Lund University, 2003.

5. Current position

Associate professor (tenure) and deputy head of the department, 50% research.

6. Previous positions and periods of appointment

See chronological summary above.

7. Supervision

PhD students: Christian Rosén (1996-2001), Tomas Alexandersson (1999-2003), Jon Bolmstedt (2000-2004), Dalius Misiunas (2000-2005), Mats Ekman (1999-2005), Laura Snip (2012-2015), Thomas Gillblad (2006-...), Magnus Arnell (2011-2017) Kimberly Solon (2012-2017), Ramesh Saagi (2012-2017).

Postdocs at IEA: Dr Christian Rosen (IEA, 2001-2007), Dr Krist Gernaey (IEA, 2003-2005), Dr Osamu Yamanaka (Japan, 2004), Dr Joaquim Comas-Matas (Spain, 2004-2005), Dr Darko Vrecko (Slovenia, 2005), Dr Ingmar Nopens (Belgium, 2005), Dr Daniel Aguado (Spain, 2005), Dr Dalius Misiunas (IEA, 2006), Dr Xavier Flores-Alsina (Spain, 2008), Dr Xavier Flores-Alsina (IEA, 2010-2013), Dr Erik Lindblom (IEA, 2011-...), Dr Bertrand Vallet (Belgium, 2014).

8. Interruption in research

None.

9. Other information of relevance to the application

Research leader of the IEA Research Group on Water since 2003.

Scientific organiser of Working Group 1 within EU COST Action 624 (1999-2004).

Swedish representative in Management Committee for EU FP6 project: Getting Systems Engineering into Regional Wastewater Treatment Strategies (contract no. HPRN-CT-2001-00200) (ended 2005).

Swedish representative in Management Committee for EU FP7 project: Sustainable and integrated urban water system management (contract no. 289193) (2011-2015).

Chairman of the international Task Group on 'Benchmarking of Control Strategies for Wastewater Treatment Plants' set up by the International Water Association (IWA), London, UK, 2005 (ongoing).

Swedish co-ordinator for EU COST Action ES1202 Conceiving Wastewater Treatment in 2020 - Energetic, environmental and economic challenges (Water2020) (ongoing).

Member of the management committee of the national research collaboration VA-Kluster Mälardalen.

External examiner for sixteen PhDs: James Lennox (Brisbane, Australia, 2001), Malcolm Graham (Brisbane, Australia, 2005), Kristian Sahlstedt (Helsinki, Finland, 2005), Cecilia Sundberg (Swedish University of Agriculture, Uppsala, Sweden, 2005), Stefan Ahlman (Chalmers Technical University, Göteborg, Sweden, 2006), Erik Alpkvist (Malmö University College, Sweden, 2006), Lorenzo Benedetti (Ghent University, Belgium, 2006), Imre Takács (Ghent University, Belgium, 2008), Xavier Flores (Girona University, Spain, 2008), Magda Ruiz (Girona University, Spain, 2008), Jordi Dalmau (Girona University, Spain, 2009), Veerle Gevaert (Ghent University, Belgium, 2010), David Ikumi (University of Cape Town, South Africa, 2011), Lisha Guo (University Laval, Quebec, Canada, 2014), Christine Sweetapple (University of Exeter, UK, 2014), Sten Strömberg (Lund University, Sweden, 2015).

Supervisor/examiner for more than 60 Master thesis students.

Member of the International Programme/Scientific Committee for more than 30 international conferences. Chairman at about 15 international conferences.

Recurrent reviewer of 15-20 international journals (and numerous international conferences): *European Journal of Control, Automatica, Water Science and Technology, Water Environment Research, Biotechnology and Bioengineering, Control Engineering Practice, Mathematical Modelling of Systems, Environmental Modeling and Software, Journal of Environmental Management, Journal of Hydrology, Computers and Chemical Engineering, Journal of Water and Climate etc.*

Associate editor for the highly rated international journal *Water Research* since October 2009.

Appointed *IWA Fellow* in September 2012 (only about 130 such persons world wide).