



## Curriculum Vitae Professor Olov Engwall

Born: 1972-05-27

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<https://scholar.google.se/citations?user=i9Gk6hAAAAAJ>



### Employments

Professor (current), Kungliga Tekniska Högskolan, 2012–

Associate professor, KTH, 2011–2012

Assistant professor, KTH, 2004–2011

Research assistant, KTH, 2002–2003

Research engineer, KTH, 1998–2002

### Education

Docent in Speech Communication, KTH, 2007

PhD in Speech Communication, KTH, 2002

Linguistics & Phonetics, Stockholm University, 60 ECTS, 2000

MSc in Engineering Physics, KTH, 1998

### Research funding

*PI for 6 national projects:*

Culturally Informed Robots in Learning Applications, 2021–23, Marcus and Amalia Wallenberg Foundation

Collaborative Robot-Assisted Language Learning, 2017–20, Swedish Research Council (VR)

Computer-animated language teachers, 2008–10, VR

Audiovisual detection of errors in pronunciation training, 2007–10, VR

Robot-Enhanced Reading Training for Students with Dyslexia, 2019–20, Promobilia

Multimodal encouragement in computer-based speech training, 2005–06, Magn Bergvalls stiftelse,

*Co-PI for 3 national projects and 2 European projects:*

Robot-assisted learning for students with diverse language backgrounds, VR, 2023–2025;

AI teacher for effective learning of Swedish, 2019–22, VINNOVA;

Multimodal feedback in pronunciation training, Swedish Research Council, 2004–2006;

Extensive Unified-domain Simulation of the human voice, 2014–16, EU FP7;

Audiovisual Speech Inversion, 2005–07, EU

### Research output & Awards

*Peer reviewed publications:* 21 journal articles, 59 international conference papers and 2 scientific chapters. Citations 2269, h-index 28 (Google Scholar)

*Awards:* Christian Benoît Award, Association Christian Benoît, France, 2004; Hans Werthén

scholarship, Royal Swedish Academy of Engineering Sciences, 2003; Scholarships, Royal

Swedish Academy of Sciences, 2000, 2001; McKinsey Award, McKinsey, 1997

### Research supervision

*4 completed PhD students:* Saeed Dabbaghchian 2018; Christos Koniaris, 2012;

Ananthakrishnan Gopal, 2012; Preben Wik, 2011 (assistant supervisor)

*5 present PhD students,* 2 as principal, 3 as assistant supervisor

*Examiner or supervisor* for >180 MSc and >210 BSc theses



### **Assignments as public examiner, committee member & expert evaluator**

*7 PhD thesis opponent:* Alireza Sabzi, NTNU, Trondheim, 2022, Ali Bakhshi, University of Newcastle, Australia, 2021; Diandra Fabre, GIPSA, INPG, Grenoble, France 2016; Julie Busset, Université de Lorraine, Nancy, France, 2013; Farzaneh Ahmadi, University of Singapore, 2013; Alfons Martinez del Hoyo Canterla, NTNU, Trondheim, 2012; Youssef Ben Atef, GIPSA, INPG, Grenoble, France, 2011

*2 Maitre de conference evaluator:* Thomas Hueber, GIPSA, INPG, Grenoble, France, 2019; Slim Ouni, Université de Lorraine, Nancy, France, 2013;

*3 PhD thesis committee member:* Petko Petkov, KTH 2014; Alireza Tavakoli Targhi, KTH, 2009; Christine Ericsson, Stockholm University, 2005.

*Assistant professor position evaluator:* Stockholm University, 2020

*External expert:* Master program development, University of Dar es Salaam, Tanzania, 2023; Norwegian national evaluation of learning outcomes for Master of Science and Master programs in Computer Science and IT, NOKUT, 2015; Riksbankens jubileumsfond

### **Academic leadership**

Director of undergraduate studies, Department of Intelligent Systems, 2021– and Department of Speech, Music & Hearing, 2008–10;

Director of 1<sup>st</sup> & 2<sup>nd</sup> cycle education, School of Computer Science & Communication, 2012–17  
Program track director for the Computer Science tracks in the MSc of Engineering and MSc programmes in Industrial management, 2017–

Steering committee member, Department of Intelligent Systems 2021– and School of Computer Science & Communication, 2012–17

Editorial Board member, Journal of Computer, Speech and Language, 2016–

Technical committee IEEE Speech and Language Processing, 2009–2012

Guest editor Frontiers, 2022

### **Conference organization**

Conference chair ISCA workshop on Speech and Language Technology in Education, 2017 & International Symposium on Automatic Detection of Errors in Pronunciation Training, 2012

Organization committee INTERSPEECH 2017 and International Conference on Audiovisual Speech Processing 2011

Area chair INTERSPEECH 2016, INTERSPEECH 2017, INTERSPEECH 2018

### **Review assignments**

C:a 20/year for, e.g., International Journal of Social robotics, ACM Transactions on Human-Robot Interaction, Current Psychology; Journal of the Acoustical Society of America; Journal of Phonetics; Speech Communication; Acoustica; International Journal of Clinical Linguistics and Phonetics; IEEE Transactions on Speech and Audio Processing; EURASIP Journal on Audio, Speech and Music Processing; IEEE Transactions on Audio, Speech and Language Processing; Journal of Speech, Language and Hearing Research; Computer Assisted Language Learning; Computer, Speech and Language; HRI; Interspeech; International Congress of Phonetic Sciences; International Speech Production Seminar; ISCA Workshop on Speech and Language Technology in Education; IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASP); European Signal Processing Conference (EUSIPCO); Psychology Press, New York; Wiley and Sons Ltd; Cambridge University Press