

2021 in Numbers

Find more details at our [Publications page](#).

18 papers published in peer reviewed journals

1 papers published in conference proceedings

1 conference posters

8 conference presentations

Participation in 18 conferences

26 manuscripts reviewed for peer reviewed journals

Supervision of 8 students at Eriksholm Research Centre

Supervision of 8 students external to Eriksholm Research Centre

7 external examinations

According to [Google Scholar](#), researchers working at Eriksholm Research Centre in 2021 were cited 2,357 times throughout 2021. According to [Elsevier Scopus®](#), researchers working at Eriksholm Research Centre in 2021 were cited 1,454 times including citations from authors and 1,355 times excluding citations from authors throughout 2021. All Eriksholm Research Centre publications in the [Elsevier Scopus®](#) database was cited 859 times in 2021.

Academic Relations 2021

Peer-reviews

Dorothea Wendt and Jeppe Høy Christensen reviewed one manuscript for 'Ear and Hearing' in 2021.

Emina Alickovic reviewed one manuscript for 'IEEE Transactions on Cognitive and Developmental Systems' and two manuscripts for 'IEEE EMBC 2021' in 2021.

Gitte Keidser reviewed one manuscript for 'Journal of the American Academy of Audiology', one manuscript for 'Trends in Hearing', one manuscript for 'Ear and Hearing', one manuscript for 'American Journal of Audiology' and four manuscript for 'International Journal of Audiology' in 2021.

Lars Bramsløw reviewed two manuscript for 'Journal of the Audio Engineering Society', one manuscript for 'Trends in Hearing', and three manuscript for 'International Journal of Audiology' in 2020.

Lorenz Fiedler reviewed one manuscript for '*Experimental Brain Research*' in 2021.

Martin Skoglund reviewed four manuscripts for 'Fusion Conference', in 2021.

Niels Henrik Pontoppidan reviewed one manuscript for 'Biomedical Signal Processing and Control' and one manuscript for 'Trends om Hearing' in 2021.

Supervision of students at Eriksholm Research Centre

Dorothea Wendt is supervising PhD student Brian Kai Man, BRMK. "Audiovisual Listening Effort in Normal Hearing- and Hearing-Impaired Individuals" supervisors: Elaine Ng, Tobias Anders and Carina Graversen. Project supported by Innovation Foundation DK.

Dorothea Wendt and Lorenz Fiedler is supervising PhD student Defne Alfandari Menase. "Motivation and fatigue effects in pupillometric measures of listening effort" supervisors: Graham Naylor, Michael Richter. Project supported by EU grant HEARECO765329.

Dorothea Wendt and Lorenz Fiedler is supervising PhD student Patrycja Książek. "Development of physiological outcome measures reflecting listening effort" supervisors: Adriana Zekveld and Sophia Kramer. Project supported by EU grant HEARECO765329.

Lars Bramsløw is supervising PhD student Peter Leer Bysted, Aalborg University, Denmark. "Hearing loss compensation using computational models of hearing and deep learning.". Supervisor: Jan Østergaard and Zheng-Hua Tan, Aalborg University, Denmark. and Jesper Jensen, Demant Project supported by Innovation Foundation DK. Work continues in 2022.

Lars Bramsløw is supervising PhD student Sergio Aguirre, University of Nottingham. "A hybrid loudspeaker-based room auralization system for auditory research" supervisor: William Whitmer, University of Nottingham. Project supported by EU grant HEARECO765329. Work continues in 2022.

Niels Henrik Pontoppidan is supervising PhD student Alessandro Pasta, Technical University of Denmark. "Contextually adapting hearing" supervisor: Jacob Eg Larsen, Technical University of Denmark. Project supported by Oticon.

Sergi Rotger Griful is supervising Master student Simon With, University of Southern Denmark. "Word recognition compared to conversation understanding in relation to visual benefit and working memory for normal hearing" supervisor: Tobias Neher, University of Southern Denmark. Project supported by ERH.

Supervision of students external to Eriksholm Research Centre

Dorothea Wendt supervised PhD student Mihaela-Beatrice Neagu, Technical University of Denmark: "Evaluation of pupillometry as a diagnostic tool". Supervisors: Abbigal A. Kressner and Torsen Dau, Technical University of Denmark. Project supported by William Demant Foundation.

Jeppe Høy Christensen supervised PhD student Klaudia Edinger Andersson, University of Southern Denmark: "Hearing-health behaviour and real-world hearing aid outcome in children and adults". Supervisor: Tobias Neher, University of Southern Denmark. Project supported by William Demant Foundation. Work will continue in 2022.

Lars Bramsløw supervised PhD student Josefine Munch Sørensen, Technical University of Denmark: "The effect of hearing loss and noise on conversational dynamics". Supervisors: Bastian Epp, Technical University of Denmark, Ewen MacDonald, University of Waterloo. Project supported by William Demant Foundation.

Lorenz Fiedler supervised student Rebecca Rusborg, Technical University of Denmark: "The effect of MENTal StAte fluctuations on engaged listening". Supervisor: Helge Sørensen, Technical University of Denmark. Poul Jennum, Rishospitalet. Carina Graversen, Aalborg University. Project supported by Grant of WDF via DTU. Work will continue in 2022.

Martha Shiell supervised MEng student Teresa Cabella, University of Glasgow: "Audiovisual listening in older hearing-impaired adults". Project supported by ERH Superman.

Martin Skoglund supervised Master student Emil Lindegaard Jensen, Technical University of Denmark: "Head motion estimation using earworn binaural accelerometers". Supervisor: Francois Patou (FPAT), Oticon Medical. Project supported by Oticon Medical.

Martin Skoglund supervised Master student Giovanni Balzi, Technical University of Denmark: "Activity tracking using earlevel accelerometers through Machine Learning". Supervisor: Francois Patou (FPAT), Oticon Medical. Project supported by Oticon Medical.

Niels Henrik Pontoppidan supervised PhD student Kevin Sum, Imperial College London, UK: "Spatial hearing augmentation and hearing devices". Supervisor: Lorenzo Picinalli, Imperial College London, UK. Project supported by EPSRC DTP Case UK + ERH. Work will continue in 2022.

External examinations

Lars Bramsløw was external examiner for the Msc course for PhD students, Technical university of Denmark: "22000 Acoustic Communication". Supervisor: Jens Hjortkjær (Technical University of Denmark).

Lars Bramsløw was external examiner for the MSc Project for the PhD student Ingvi Örnolfsson, Technical university of Denmark: "SPEAKER LOCALIZATION IN THE PRESENCE OF DIRECTIONAL INTERFERENCE BY HUMANS AND MACHINES". Supervisor: Tobias May (Technical University of Denmark).

Lars Bramsløw was external examiner for the MSc Project for the PhD student Chuan Wen, Technical university of Denmark: "Audiovisual speech separation with deep neural networks". Supervisor: Jens Hjortkjær (Technical University of Denmark).

Lars Bramsløw was external examiner for the MSc Project for the PhD student Benedikte Degn Mikkelsen, University of Southern Denmark: "Speech recognition at high levels in normal hearing listeners: Evidence for roll-over effect?". Supervisor: Jens Hjortkjær (University of Southern Denmark).

Niels Henrik Pontoppidan was external examiner for the BScE Project for the PhD students asger Laurits Schultz and Søren Winkel Holm, Technical university of Denmark: "DaLUKE: The Knowledge-enhanced, Danish Language Model". Supervisor: Lars Kai Hansen (Technical University of Denmark).

Niels Henrik Pontoppidan was external examiner for the BScE Project for the PhD students Joachim Secher and Nicklas Bruun-Andersen, Technical university of Denmark: "Context-Specific Natural Language Models". Supervisor: Michael Riis Andersen (Technical University of Denmark).

Niels Henrik Pontoppidan was external examiner for the BScE course for 31 PhD students, Technical university of Denmark: "Data and Signals". Supervisor: Hiba Nasar (Technical University of Denmark).