2022 in Numbers

Find more details at our **Publications page**.

13 papers published in peer reviewed journals
7 papers published in conference proceedings
20 conference posters
17 conference presentations
Participation in 29 conferences
28 manuscripts reviewed for peer reviewed journals
Supervision of 7 students at Eriksholm Research Centre
Supervision of 17 students external to Eriksholm Research Centre
8 external examinations

According to Google Scholar, researchers working at Eriksholm Research Centre in 2022 were cited 2,113 times throughout 2022. According to Elsevier Scopus®, researchers working at Eriksholm Research Centre in 2022 were cited 1,366 times including citations from authors and 1,198 times excluding citations from authors throughout 2022. All Eriksholm Research Centre publications in the Elsevier Scopus® database was cited 1001 times in 2022.

Academic Relations 2022

Peer-reviews

Emina Alickovic reviewed one manuscript for 'Trends in Hearing ', one manuscript for 'IEEE TBME', and one manuscript for 'IEEE EMBC 2022' in 2022.

Hamish Innes-Brown reviewed two manuscripts for 'Frontiers in Psychology, Auditory Cognitive Neuroscience', two manuscripts for 'Trends in Hearing', and two manuscripts for 'Neuroimage' in 2022.

Jeppe Høy Christensen reviewed one manuscript for 'Ear and Hearing 'one manuscript for 'iScience', one manuscript for 'Frontiers in Digital Health', and one manuscript for 'Frontiers in Neurology Neuro-Otology' in 2022.

Lars Bramsløw reviewed one manuscript for 'Acta Acustica', one manuscript for 'International Journal of Audiology', one manuscript for 'Trends in Hearing 'and one manuscript for 'JASA Express Letters' in 2022.

Lorenz Fiedler reviewed three manuscripts for 'Journal of Neuroscience 'and one manuscript for 'Psychophysiology' in 2022.

Martin Skoglund reviewed four manuscripts for 'Fusion Conference 'in 2022.

Niels Henrik Pontoppidan reviewed one manuscript for 'Ear and Hearing', one manuscript for 'Biomedical Signal Processing and Control', and one manuscript for 'IEEE Journal of Translational Engineering in Health and Medicine' in 2022.

Supervision of students at Eriksholm Research Centre

Dorothea Wendt supervised PhD student Brian Kai Man: "Audiovisual Listening Effort in Normal Hearing- and Hearing-Impaired Individuals". Supervisor: Tobias Andersen, Technical University of Denmark. Project supported by Innovation Foundation DK.

Emina Alickovic supervised Master student Tobias Dorszewski, Stuttgart University, Germany: "Modeling brain tracking of speech with a deep neural network". Supervisor: Leonardo Gizzi, Stuttgart University, Germany.

Emina Alickovic and Johannes Zaar are supervising PhD student Heidi Bliddal, Aalborg University, Denmark: "Neural Correlates of Speech Intelligibility". Supervisors: Preben Kidmose, Christian Christensen, Aalborg University, Denmark. Project supported by Innovation Foundation DK. Work continues in 2023.

Hamish Innes-Brown is supervising PhD student Alina Schulte, Medizinische Hochschule Hannover: "How is the speed and amount of auditory-somatosensory cross-modal plasticity during a tactile stimulation intervention linked to speech understanding outcomes". Supervisors: Jeremy

Marozeau, Technical University of Denmark and Andrej Kral, Medizinische Hochschule, Hannover. Project supported by EU. Work continues in 2023.

Lars Bramsløw is supervising PhD student Peter Leer Bysted, Aalborg University, Denmark: "Hearing loss compensation using computational models of hearing and deep learning". Supervisors: Jan Østergaard and Zheng-Hua Tan, Aalborg University, Denmark and Jesper Jensen, Demant. Project supported by Innovation Foundation DK. Work continues in 2023.

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 2023.

Martin Skoglund supervised Master student Kamil Szubert, Technical University of Denmark: "Learning audiovisual scenes with eye tracking glasses: Open software tools for eye tracking research and beyond ". Supervisor: Evangelos Bukas, Technical University of Denmark.

Supervision of students external to Eriksholm Research Centre

Emina Alickovic is supervising PhD student Payam Shahsavari Baboukani, Aalborg University: “Effortless Listening using Brain Feedback”. Supervisors: Carina Graversen and Jan Østergaard, Aalborg University. Project supported by William Demant Foundation. Work will continue in 2023.

Emina Alickovic supervised Master student Oscar Hermansson: “Computation models for audiovisual attention decoding”

Emina Alickovic and Hamish Innes-Brown are supervising Postdoc student Joshua Kulasingham, Linköping University: “Using non-linear system identification to optimise the level-dependance of speech-derived ABR measures”. Supervisor: Martin Enqvist, Linköping University, Sweden. Project supported by William Demant Foundation. Work will continue in 2023.

Emina Alickovic, Hamish Innes-Brown and Martin Skoglund supervised Master student Julia Adlercreutz, Lund University: “Brainstem response estimation using continuous sound - A feasibility study”. Supervisors: Bo Bernhardsson and Maria Sandsten Lund University, Sweden.

Emina Alickovic and Johannes Zaar supervised Master student Sara Carta, Trinity College Dublin: “Lingusitic processing in HI population”. Supervisors: Giovanni di Liberto and Alejandro Lopez Valdes, Trinity College Dublin. Project supported by William Demant Foundation.

Emina Alickovic and Johannes Zaar are supervising Master student Sara Carta, Trinity College Dublin: “Neural correlated of attention switching”. Supervisors: Giovanni di Liberto and Alejandro Lopez Valdes, Trinity College Dublin. Project supported by William Demant Foundation. Work will continue in 2023.

Emina Alickovic, Johannes Zaar and Martin Skoglund supervised Master students Victor Andersson and Nelly Ostréus, Lund University: “Speech activity detection in videos”. Supervisors: Bo Bernhardsson and Kristian Soltesz, Lund University, Sweden.

Emina Alickovic, Johannes Zaar and Martin Skoglund supervised Master students Sara Enander and Louise Karsten, Lund University: “Computation models for audiovisual attention decoding”. Supervisors: Bo Bernhardsson and Kristian Soltesz, Lund University, Sweden.

Emina Alickovic and Martin Skoglund are supervising PhD student Johanna Wilroth, Linköping University: “Brain-based monitoring of sound”. Supervisor: Martin Enqvist, Linköping University, Sweden. Project supported by ELLIIT. Work will continue in 2023.

Emina Alickovic and Martin Skoglund are supervising PhD student Oskar Keding, Linköping University: “Brain-based monitoring of sound”. Supervisor: Maria Sandsten, Linköping University, Sweden. Project supported by ELLIIT. Work will continue in 2023.

Hamish Innes-Brown is supervising PhD student Scott Aker, Technical University of Denmark: “Music Appreciation in Cochlear Implant Users with Electro-Tactile Stimulation”. Supervisors: Jeremy Marozeau, Technical University of Denmark, Kathleen Sculzo and Marianna Vatti, Oticon. Project supported by Innovation Foundation DK. Work will continue in 2023.

Jeppe Høy Christensen is supervising 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 2023.

Jeppe Høy Christensen is supervising Master student Konstantina Zarafeta, Technical University of Denmark. Supervisors: Jens Hjortkær and Jeremy Marozeau, Technical University of Denmark. Work will continue in 2023.

Johannes Zaar and Lars Bramsløw supervised PhD student Paolo Mesiano Technical University of Denmark: “Assessing the effects of fundamental-frequency dynamics on the intelligibility of competing voices”. Supervisors: Helia Relaño Iborra and Torsten Dau, Technical University of Denmark.

Johannes Zaar and Martha Shiell are supervising Master student Junzhe Wilson Wang, Technical University of Denmark: “Modelling Intertalker Saccades in Interactive Conversation”. Supervisor: Jens Hjørtkjær, Technical University of Denmark. Work will continue in 2023.

Johannes Zaar and Martha Shiell are supervising MSc student Junzhe Wilson Wang, Technical University of Denmark: “Analysis of eye-gaze behaviour in realistic communication”. Supervisor: Jens Hjørtkjær, Technical University of Denmark. Work will continue in 2023.

Johannes Zaar and Martha Shiell are supervising PhD student Jonathan Regev, Technical University of Denmark: “Measures and computational models of amplitude modulation processing and perception in hearing-impaired listeners”. Supervisors: Helia Relaño Iborra, Torsten Dau, Technical University of Denmark. Work will continue in 2023.

External examinations

Hamish Innes-Brown was external examiner for Master student Brent Reissman, Technical university of Denmark: “Enhancement of Musical Experience, Increasing Auditory Perceptual Engagement via Supplementary Tactile Vibrations”. Supervisor: Jeremy Marozeau, Technical university of Denmark.

Hamish Innes-Brown was external examiner for Master student Gabriele Ravizza, Technical university of Denmark: "Evaluation and modelling of subjective multi-sensorial perception in bone and air conduction technology”. Supervisor: Jeremy Marozeau, Technical university of Denmark.

Lars Bramsløw was external examiner for 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 MSc course for PhD students, Technical university of Denmark: “22001 Acoustic Signal Processing”. Supervisor: Tobias May, Technical University of Denmark.

Lars Bramsløw was external examiner for Bachelor student Marie Vannderstrøm Hansen, Technical university of Denmark: “Extending the short time objective intelligibility (STOI) metric to include hearing impairment”. Supervisors: Charlotte Sørensen, GN Hearing, Raul Sanchez-Lopez, Helia Relia-Iborra, and Torsten Dau, Technical University of Denmark.

Lars Bramsløw was external examiner for Master student Eugenia Appiah, University of Southern Denmark: “Validation of the Danish QuickSIN and comparising to the Danish HINT”. Supervisor: Carsten Daugaard, University of Southern Denmark.

Lars Bramsløw was external examiner for Bachelor student Anne Roslyng-Jensen, University of Southern Denmark: “Low-frequency amplification in open-fit low-delay hearing aids”. Supervisor: Tobias Neher, University of Southern Denmark.

Martin Skoglund was external examiner for Master student Oscar Hermansson, Linköping University: “A Deep Learning Approach to Brain Tracking of Sound”.