Effects of Fast-Acting Hearing-Aid Compression on Audibility, Forward Masking and Speech Perception
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Effects of Slow- and Fast-Acting Compression on Hearing-Impaired Listeners' Consonant–Vowel Identification in Interrupted Noise
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Task dialog by native-Danish talkers in Danish and English in both quiet and noise
Sørensen, A. J., Fereczkowski, M. & MacDonald, E., 2018
Research output: Non-textual form › Dataset – Annual report year: 2018 › Research

Assessment of broadband SNR estimation for hearing aid applications
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Comparison of objective and subjective measures of cochlear compression in normal-hearing and hearing-impaired listeners
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Contribution of low- and high-frequency bands to binaural unmasking in hearing-impaired listeners
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Effects of slow- and fast-acting compression on hearing impaired listeners' consonant-vowel identification in interrupted noise
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Influence of a remote microphone on localization with hearing aids
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Investigating time-efficiency of forward masking paradigms for estimating basilar membrane input-output characteristics
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Lateralized speech perception with small interaural time differences in normal-hearing and hearing-impaired listeners
Modeling Speech Level as a Function of Background Noise Level and Talker-to-Listener Distance for Talkers Wearing Hearing Protection Devices
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Preliminary investigation of the categorization of gaps and overlaps in turn-taking interactions: Effects of noise and hearing loss
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Response to Comment: RE: Ohlenforst et al. (2016) Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics, Ear Hear 37, 137–143
Research output: Contribution to journal › Comment/debate – Annual report year: 2017 › Research › peer-review

The effect of noise and second language on turn-taking in task-oriented dialogue
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Methodology and apparatus for determining psychoacoustical threshold curves
Research output: Patent › Patent – Annual report year: 2016 › Research

A new procedure for automatic fitting of the basilar-membrane input-output function to individual behavioral data.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Auditory-model based assessment of the effects of hearing loss and hearing-aid compression on spectral and temporal resolution
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Grid - a fast threshold tracking procedure
Fereczkowski, M., Dau, T. & MacDonald, E., 2016, Advances in Acoustics. Institute of Fundamental Technological Research, Polish Academy of Sciences, p. 545-553
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Investigating low-frequency compression using the Grid method
Lateralized speech perception in normal-hearing and hearing-impaired listeners and its relationship to temporal processing
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Model-based fitting of compression settings using narrowband stimuli
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Modelling the Perceptual Components of Loudspeaker Distortion
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Predicting binaural speech intelligibility using the signal-to-noise ratio in the envelope power spectrum domain
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Predicting Detectability and annoyance of EV Warning Sounds using Partial Loudness
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Predicting masking release of lateralized speech
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Temporal Fine-Structure Coding and Lateralized Speech Perception in Normal-Hearing and Hearing-Impaired Listeners
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Variations in voice level and fundamental frequency with changing background noise level and talker-to-listener distance while wearing hearing protectors: A pilot study
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Comparison of binaural microphones for externalization of sounds
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Compensation of F0 and formant frequencies in a real-time pitch-perturbation paradigm
Eckey, A. & MacDonald, E., 2015, Forschritte der Akustik DAGA’15. p. 1444-1447
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review
Face configuration affects speech perception: Evidence from a McGurk mismatch negativity study
Eskelund, K., MacDonald, E. & Andersen, T., 2015, In : Neuropsychologia. 66, p. 48-54
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Formant compensation for auditory feedback with English vowels
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Informational interference from a competing talker: a thought-provoking but elusive construct
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Inversion of Auditory Spectrograms, Traditional Spectrograms, and Other Envelope Representations
Decorsière, R. J. B., Søndergaard, P. L., MacDonald, E. & Dau, T., 2015, In : I E E E Transactions on Audio, Speech and Language Processing. 23, 1, p. 46-56
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Reproduction of Realistic Background Noise for Testing Telecommunications Devices
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

The role of harmonic resolvability for pitch discrimination
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Time-efficient multidimensional threshold tracking method
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2015 › Research › peer-review

Auditory Perception of Statistically Blurred Sound Textures
McWalter, R. I., MacDonald, E. & Dau, T., 2014.
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Consonance perception of complex-tone dyads and chords
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Influence of acoustic complexity on spatial release from masking and lateralization.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Interaction of Working Memory, Compressor Speed and Background Noise Characteristics
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review
Native and non-native sentence comprehension in the presence of a competing talker
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Temporal control and compensation for perturbed voicing feedback
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Contribution of envelope periodicity to release from speech-on-speech masking
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Intelligibility of speech produced in temporally modulated noise
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Multimodal speech perception
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2013 › Research › peer-review

Multivoxel Patterns Reveal Functionally Differentiated Networks Underlying Auditory Feedback Processing of Speech
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Playful Interaction with Voice Sensing Modular Robots
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Spectral information for detection of acoustic time to arrival
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Speech production in amplitude-modulated noise
Research output: Contribution to journal › Conference article – Annual report year: 2013 › Research › peer-review

The effect of compression on tuning estimates in a simple nonlinear auditory filter model
Research output: Contribution to journal › Conference article – Annual report year: 2013 › Research › peer-review

The Relationship Between Background Noise Envelope Power and Speech Intelligibility in Adverse Conditions
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

A Preliminary Study of Individual Responses to Real-Time Pitch and Formant Perturbations
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review
Auditory temporal processing deficits in older listeners: From a review to a future view of Presbycusis
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research › peer-review

Noise exposure of opera musicians
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Probing the independence of formant control
Research output: Contribution to conference › Poster – Annual report year: 2008 › Research › peer-review

The specificity of adaptation to real-time formant shifting
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research › peer-review

Intensity discrimination in noise: Effect of aging
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

Temporal jitter disrupts speech intelligibility: A simulation of auditory aging
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

The specificity of sensorimotor learning: Generalization in auditory feedback adaptation
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research › peer-review

Noise Exposure of Music Teachers
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review