Research outputs:

**Effect of Noise Reduction Gain Errors on Simulated Cochlear Implant Speech Intelligibility**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**The impact of noise power estimation on speech intelligibility in cochlear-implant speech coding strategies**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**A Danish nonsense word corpus for phoneme recognition measurements**
Bo Nielsen, J. & Dau, T. 1 Jan 2019 In : Acta Acustica United With Acustica. 105, 1, p. 183-194
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Effects of Musical Training and Hearing Loss on Fundamental Frequency Discrimination and Temporal Fine Structure Processing: Psychophysics and Modeling**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Measuring and modeling speech intelligibility in real and loudspeaker-based virtual sound environments**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Listening through hearing aids affects spatial perception and speech intelligibility in normal-hearing listeners**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Adaptive Processes in Hearing**
Research output: Research - Editorial – Annual report year: 2018

**A mouse model of the auditory nerve to study cochlear synaptopathy**
Research output: Research - peer-review › Poster – Annual report year: 2018

**Auditory Stream Segregation and Selective Attention for Cochlear Implant Listeners: Evidence From Behavioral Measures and Event-Related Potentials**
Research output: Research - peer-review › Journal article – Annual report year: 2018
Consonant-Order Reversals in the McGurk Combination Illusion
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Cortical oscillations and entrainment in speech processing during working memory load
Research output: Research - peer-review › Journal article – Annual report year: 2018

Data-Driven Approach for Auditory Profiling and Characterization of Individual Hearing Loss
Research output: Research - peer-review › Journal article – Annual report year: 2018

Effect of harmonic rank on sequential sound segregation
Research output: Research - peer-review › Journal article – Annual report year: 2018

Effects of Expanding Envelope Fluctuations on Consonant Perception in Hearing-Impaired Listeners
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

Effects of Hearing Loss and Fast-Acting Compression on Amplitude Modulation Perception and Speech Intelligibility
Research output: Research - peer-review › Journal article – Annual report year: 2018

Effects of musical training and hearing loss on pitch discrimination
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Effects of non-stationary noise on consonant identification
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

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

Extending a computational model of auditory processing towards speech intelligibility prediction
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Improving Speech Intelligibility by Hearing Aid Eye-Gaze Steering: Conditions With Head Fixed in a Multitalker Environment
Research output: Research - peer-review › Journal article – Annual report year: 2018
Influence of talker discontinuity on cortical dynamics of auditory spatial attention
Research output: Research - peer-review › Journal article – Annual report year: 2018

Investigating the effect of synaptopathy on envelope following responses using a model of the auditory nerve
Research output: Research - peer-review › Journal article – Annual report year: 2018

Localization of broadband sounds carrying interaural time differences: Effects of frequency, reference location, and interaural coherence
Research output: Research - peer-review › Journal article – Annual report year: 2018

On the Cost of Introducing Speech-Like Properties to a Stimulus for Auditory Steady-State Response Measurements
Research output: Research - peer-review › Journal article – Annual report year: 2018

Predicting consonant recognition and confusions using a microscopic speech perception model
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2018

Predicting Speech Intelligibility Based on Across-Frequency Contrast in Simulated Auditory-Nerve Fluctuations
Research output: Research - peer-review › Journal article – Annual report year: 2018

Predicting Speech Intelligibility based on Fluctuations in Simulated Auditory-Nerve Responses
Research output: Research - peer-review › Poster – Annual report year: 2018

Predicting Speech Intelligibility Using a Nonlinear and Level-Dependent Auditory Processing Front End
Iborra, H. R., Zaar, J. & Dau, T. 2018
Research output: Research - peer-review › Poster – Annual report year: 2018

Signal-to-Noise-Ratio-Aware Dynamic Range Compression in Hearing Aids
Research output: Research - peer-review › Journal article – Annual report year: 2018

Technical evaluation of hearing-aid fitting parameters for different auditory profiles
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

The benefit of combining a deep neural network architecture with ideal ratio mask estimation in computational speech segregation to improve speech intelligibility
Research output: Research - peer-review › Journal article – Annual report year: 2018

The impact of exploiting spectro-temporal context in computational speech segregation
Research output: Research - peer-review › Journal article – Annual report year: 2018

The Role of Place Cues in Voluntary Stream Segregation for Cochlear Implant Users
The role of temporal cues on voluntary stream segregation in cochlear implant users
Research output: Research - peer-review › Journal article – Annual report year: 2018

Accuracy of averaged auditory brainstem response amplitude and latency estimates
Research output: Research - peer-review › Journal article – Annual report year: 2017

A Model of Electrically Stimulated Auditory Nerve Fiber Responses with Peripheral and Central Sites of Spike Generation
Research output: Research - peer-review › Journal article – Annual report year: 2017

Assessing the efficacy of hearing-aid amplification using a phoneme test
Research output: Research - peer-review › Journal article – Annual report year: 2017

Auditory brainstem response latency in forward masking, a marker of sensory deficits in listeners with normal hearing thresholds
Research output: Research - peer-review › Journal article – Annual report year: 2017

Cascaded Amplitude Modulations in Sound Texture Perception
McWalter, R. I. & Dau, T. 2017 In : Frontiers in Neuroscience. 11, 12 p., 485
Research output: Research - peer-review › Journal article – Annual report year: 2017

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

Data-driven approach for auditory profiling
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Effect of musical training on pitch discrimination performance in older normal-hearing and hearing-impaired listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Effects of hearing-aid dynamic range compression on spatial perception in a reverberant environment
Research output: Research - peer-review › Journal article – Annual report year: 2017

Effects of slow- and fast-acting compression on hearing impaired listeners’ consonant-vowel identification in interrupted noise
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017
Evaluating a Loudspeaker-Based Virtual Sound Environment using Speech-on-Speech Masking
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Hidden hearing loss with envelope following responses (EFRs): The off-frequency problem
Research output: Research - peer-review › Poster – Annual report year: 2018

Investigating the effects of noise-estimation errors in simulated cochlear implant speech intelligibility
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

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

Lateralized speech perception with small interaural time differences in normal-hearing and hearing-impaired listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Noise-robust cortical tracking of attended speech in real-world acoustic scenes
Research output: Research - peer-review › Journal article – Annual report year: 2017

Predicting consonant recognition and confusions in normal-hearing listeners
Research output: Research - peer-review › Journal article – Annual report year: 2017

Predicting effects of additive noise and hearing-instrument signal processing on consonant recognition and confusions
Research output: Research › Poster – Annual report year: 2017

Predicting effects of hearing-instrument signal processing on consonant recognition
Research output: Research - peer-review › Journal article – Annual report year: 2017

Predicting effects of hearing-instrument signal processing on consonant recognition and confusions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Prediction of speech intelligibility based on a correlation metric in the envelope power spectrum domain
Research output: Research › Poster – Annual report year: 2017

Preserving spatial perception in rooms using direct-sound driven dynamic range compression
Research output: Research - peer-review › Journal article – Annual report year: 2017
Real-time estimation of eye gaze by in-ear electrodes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of neuroplasticity in musicians
Research output: Research - peer-review › Journal article – Annual report year: 2018

The role of temporal cues in voluntary stream segregation in cochlear implant listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

The speech-based envelope power spectrum model (sEPSM) family: Development, achievements, and current challenges
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2017

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

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction

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

Archetypal analysis of auditory profiling data towards a clinical test battery
Research output: Research › Poster – Annual report year: 2017

Assessing and modeling apparent source width perception
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Assessing the contribution of binaural cues for apparent source width perception via a functional model
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Auditory features in consonant perception - a modeling perspective
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Auditory-model based assessment of the effects of hearing loss and hearing-aid compression on spectral and temporal resolution
Auditory profiling and hearing-aid satisfaction in hearing-aid candidates
Research output: Research - peer-review › Journal article – Annual report year: 2016

Can place-specific cochlear dispersion be represented by auditory steady-state responses?
Research output: Research - peer-review › Journal article – Annual report year: 2016

Comparing the influence of spectro-temporal integration in computational speech segregation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Complex-Tone Pitch Discrimination in Listeners With Sensorineural Hearing Loss
Research output: Research - peer-review › Journal article – Annual report year: 2016

Complex-tones cortical pitch representations in musicians vs. non-musicians
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Cross-correlation model of interaural time difference coding in listeners with bilateral cochlear implants
Research output: Research › Poster – Annual report year: 2017

Effects of dynamic-range compression on temporal acuity
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Effets d’une compression cochléaire et d’une sélectivité en fréquence réduites sur la discrimination de la hauteur de tons complexes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Evaluating the auralization of a small room in a virtual sound environment using objective room acoustic measures
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Evaluating the auralization of a small room in a virtual sound environment using objective room acoustic measures
Research output: Research › Poster – Annual report year: 2017

Extériorisation sonore avec des indices auditifs et visuels discordants
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

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
Predicting speech intelligibility based on a correlation metric in the envelope power spectrum domain
Research output: Research - peer-review › Journal article – Annual report year: 2016

Sources of Variability in Consonant Perception and Implications for Speech Perception Modeling
Research output: Research - peer-review › Book chapter – Annual report year: 2016

Spatial Hearing with Incongruent Visual or Auditory Room Cues
Gil Carvajal, J. C., Cubick, J., Santurette, S. & Dau, T. 2016 In : Scientific Reports. 6, 10 p., 37342
Research output: Research - peer-review › Journal article – Annual report year: 2016

Spectro-temporal modulation sensitivity and discrimination in normal hearing and hearing-impaired listeners
Research output: Research - peer-review › Poster – Annual report year: 2016

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

The Influence of Visual Cues on Sound Externalization
Research output: Research - peer-review › Poster – Annual report year: 2016

The role of spectral detail in the binaural transfer function on perceived externalization in a reverberant environment
Research output: Research - peer-review › Journal article – Annual report year: 2016

Using auditory steady-state responses to evaluate auditory nerve integrity in normal-hearing and mild hearing-impaired listeners
Research output: Research - peer-review › Poster – Annual report year: 2016

Validation of a Virtual Sound Environment System for Testing Hearing Aids
Cubick, J. & Dau, T. 2016 In : Acta Acustica united with Acustica. 102, p. 547-557
Research output: Research - peer-review › Journal article – Annual report year: 2016

What affects envelope coding in the electrically stimulated auditory nerve?
Research output: Research - peer-review › Poster – Annual report year: 2016

A model of auditory nerve responses to electrical stimulation
Research output: Research - peer-review › Poster – Annual report year: 2015

A model of auditory nerve responses to electrical stimulation with pulse train
Research output: Research - peer-review › Poster – Annual report year: 2015
Apparent source width perception in normal-hearing, hearing-impaired and aided listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Auditory correlates of stimulus-induced variability in consonant perception
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Can auditory stady-state responses reflect place-specific cochlear dispersion?
Research output: Research - peer-review › Poster – Annual report year: 2015

Cortical pitch representations of complex tones in musicians and non-musicians
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Cortical pitch representations of complex tones in musicians and non-musicians
Research output: Research - peer-review › Poster – Annual report year: 2016

Effect of harmonic rank on the streaming of complex tones
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Effects of cochlear compression and frequency selectivity on pitch discrimination of complex tones with unresolved harmonics
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Effects of incongruent auditory and visual room-related cues on sound externalization
Carvajal, J. C. G., Santurette, S., Cubick, J. & Dau, T. 2015
Research output: Research - peer-review › Poster – Annual report year: 2015

Effects of manipulating the signal-to-noise envelope power ratio on speech intelligibility
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of musical training on pitch discrimination of resolved and unresolved complex tones
Research output: Research - peer-review › Poster – Annual report year: 2015

Evaluation of a clinical auditory profile in hearing-aid candidates
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Evaluation of peripheral compression and auditory nerve fiber intensity coding using Auditory Steady-State Responses (ASSR)
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Fast assessment of auditory spectral and temporal resolution
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015
The role of temporal resolution in modulation-based speech segregation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

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

A Danish open-set speech corpus for competing-speech studies
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

Capturing and reproducing realistic acoustic scenes for hearing research
Research output: Research › Ph.D. thesis – Annual report year: 2014

Comparison of peripheral compression estimates using auditory steady-state responses (ASSR) and distortion product otoacoustic emissions (DPOAE)
Research output: Research › Poster – Annual report year: 2015

Computational speech segregation based on an auditory-inspired modulation analysis
Research output: Research - peer-review › Journal article – Annual report year: 2014

Consonant confusions in frozen and random white noise
Research output: Research - peer-review › Poster – Annual report year: 2014

Consonant confusions in frozen and random white noise
Research output: Research - peer-review › Poster – Annual report year: 2014

Effects of tonotopy, adaptation, modulation tuning, and temporal coherence in "primitive" auditory stream segregation
Research output: Research - peer-review › Journal article – Annual report year: 2014

Electrophysiological assessment of audiovisual integration in speech perception
Research output: Research › Ph.D. thesis – Annual report year: 2014

Exploring the physical correlates of consonant recognition and confusions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014
Influence of acoustic complexity on spatial release from masking and lateralization.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Influence of High-Frequency Audibility on Distance Perception
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Influence of high-frequency audibility on the perceived distance of sounds
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Investigating Interaural Frequency-Place Mismatches via Bimodal Vowel Integration
Research output: Research - peer-review › Journal article – Annual report year: 2014

Maximum Acceptable Vibrato Excursion as a Function of Vibrato Rate in Musicians and Non-musicians
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Modeling auditory-nerve responses to electrical stimulation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Modeling auditory-nerve responses to electrical stimulation
Joshi, S. N., Dau, T. & Epp, B. 2014
Research output: Research - peer-review › Poster – Annual report year: 2014

Modeling consonant perception in normal-hearing listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Modeling speech intelligibility based on the signal-to-noise envelope power ratio
(Contributions to hearing research, Vol. 15).
Research output: Research › Ph.D. thesis – Annual report year: 2014

Modeling Speech Intelligibility in Hearing Impaired Listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Objective correlates of pitch salience using pupillometry
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Perception of a Sung Vowel as a Function of Frequency-Modulation Rate and Excursion in Normal-Hearing and Hearing-Impaired Listeners
Research output: Research - peer-review › Journal article – Annual report year: 2014

Pitch coding of complex tones in the normal and impaired auditory system
Research output: Research - peer-review › Poster – Annual report year: 2015
Predicting speech release from masking through spatial separation in distance
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Refining a model of hearing impairment using speech psychophysics
Research output: Research - peer-review › Journal article – Annual report year: 2014

Requirements for the evaluation of computational speech segregation systems
Research output: Research - peer-review › Journal article – Annual report year: 2014

The importance of binaural cues for the perception of apparent source width at different sound pressure levels
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

The role of auditory spectro-temporal modulation filtering and the decision metric for speech intelligibility prediction
Research output: Research - peer-review › Journal article – Annual report year: 2014

A multi-resolution envelope-power based model for speech intelligibility
Research output: Research - peer-review › Journal article – Annual report year: 2012

Analysis of the Auditory System via Sound Texture Synthesis
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Binaural dereverberation based on interaural coherence histograms
Research output: Research - peer-review › Journal article – Annual report year: 2013

Cochlear contributions to the precedence effect.
Research output: Research - peer-review › Book chapter – Annual report year: 2013

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

Efficient estimates of cochlear hearing loss parameters in individual listeners
Research output: Research - peer-review › Conference article – Annual report year: 2013

Environment-aware ideal binary mask estimation using monaural cues
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Experimental Evidence for a Cochlear Source of the Precedence Effect
Research output: Research - peer-review › Journal article – Annual report year: 2013
Frequency-Modulation Vowel Maps in Normal-Hearing and Hearing-Impaired Listeners
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Frequency-Modulation Vowel Maps in Normal-Hearing and Hearing-Impaired Listeners
Research output: Research - peer-review › Poster – Annual report year: 2013

Interaural bimodal pitch matching with two-formant vowels
Research output: Research - peer-review › Poster – Annual report year: 2013

Interaural bimodal pitch matching with two-formant vowels
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Level dependency of auditory stream segregation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Maximum Acceptable Vibrato Excursion as a Function of Vibrato Rate in Musicians and Non-musicians
Research output: Research - peer-review › Poster – Annual report year: 2014

Modeling Horizontal Localization of Complex Sounds in the Impaired and Aided Impaired Auditory System
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Modeling within- and across-channel processes in comodulation masking release.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Modelling speech intelligibility in adverse conditions.
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Neural correlates of pitch salience using fMRI
Bianchi, F., Santurette, S., Dau, T., Hjortkjær, J. & Siebner, H. 2013
Research output: Research - peer-review › Poster – Annual report year: 2013

Predicting speech intelligibility in conditions with nonlinearly processed noisy speech
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Spectral integration of interaural time differences in auditory localization
Research output: Research - peer-review › Conference article – Annual report year: 2013

Spectral Integration of Interaural Time Differences in Auditory Localization
The effect of compression on tuning estimates in a simple nonlinear auditory filter model
Research output: Research - peer-review › Conference article – Annual report year: 2013

The effect of interaural-level-difference fluctuations on the externalization of sound
Research output: Research - peer-review › Journal article – Annual report year: 2013

The influence of masker type on early reflection processing and speech intelligibility (L)
Research output: Research - peer-review › Journal article – Annual report year: 2013

The role of across-frequency envelope processing for speech intelligibility
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

The role of across-frequency envelope processing for speech intelligibility
Research output: Research - peer-review › Conference article – Annual report year: 2013

The role of high-frequency envelope fluctuations for speech masking release
Research output: Research - peer-review › Conference article – Annual report year: 2013

Validation of a Virtual Sound Environment System for Hearing Aid Testing
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

A computational model of auditory stream segregation based on a temporal coherence analysis
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

A physiologically inspired model of auditory stream segregation based on a temporal coherence analysis
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012
Perception of interaural time differences at threshold and suprathreshold levels
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Predicting speech intelligibility based on the signal-to-noise envelope power ratio after modulation-frequency selective processing
Research output: Research - peer-review › Journal article – Annual report year: 2011

Predicting speech intelligibility in adverse conditions: evaluation of the speech-based envelope power spectrum model
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Predicting the intelligibility of processed noisy speech based on the signal-to-noise ratio in the modulation domain
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Relations between perceptual measures of temporal processing, auditory-evoked brainstem responses and speech intelligibility in noise
Research output: Research - peer-review › Journal article – Annual report year: 2011

Temporal suppression of the click-evoked otoacoustic emission level-curve
Research output: Research - peer-review › Journal article – Annual report year: 2011

The role of temporal fine structure information for the low pitch of high-frequency complex tones
Research output: Research - peer-review › Journal article – Annual report year: 2011

Towards a binaural modelling toolbox
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Behavioral Measures of Monaural Temporal Fine Structure Processing
Santurette, S. & Dau, T. 2010
Research output: Research - peer-review › Poster – Annual report year: 2010

Binaural Processing and Spatial Hearing
Research output: Research - peer-review › Book – Annual report year: 2010

Detection and identification of monaural and binaural pitch contours in dyslexic listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010
Detection and identification of monaural and binaural pitch contours in dyslexic listeners
Research output: Research - peer-review › Journal article – Annual report year: 2010

Estimating individual listeners' auditory-filter bandwidth in simultaneous and non-simultaneous masking
Research output: Research › Article in proceedings – Annual report year: 2010

Externalization versus Internalization of Sound in Normal-hearing and Hearing-impaired Listeners
Research output: Research › Article in proceedings – Annual report year: 2010

Modeling human auditory evoked brainstem responses based on nonlinear cochlear processing
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Modelling a damaged cochlea: beyond non-speech psychophysics
Research output: Research › Article in proceedings – Annual report year: 2010

Monaural and binaural benefit from early reflections for speech intelligibility
Research output: Research › Article in proceedings – Annual report year: 2010

Predicting effects of impaired cochlear processing on consonant discrimination in stationary noise
Jepsen, M. L., Dau, T. & Ghitza, O. 2010
Research output: Research › Conference abstract for conference – Annual report year: 2010

Prediction of speech intelligibility based on an auditory preprocessing model
Christiansen, C. F. C., Pedersen, M. S. & Dau, T. 2010 In : Speech Communication. 52, 7-8, p. 678-692
Research output: Research - peer-review › Journal article – Annual report year: 2010

Revisiting perceptual compensation for effects of reverberation in speech identification
Research output: Research - peer-review › Journal article – Annual report year: 2010

Speech intelligibility enhancement by early reflections for normal-hearing and hearing-impaired listeners
Arweiler, I., Buchholz, J. & Dau, T. 2010
Research output: Research › Conference abstract for conference – Annual report year: 2010

Temporal adaptation of the click-evoked otoacoustic emission level-curve reveals dynamic properties of human cochlear processing
Research output: Research › Conference abstract in proceedings – Annual report year: 2010

The Danish hearing in noise test
Research output: Research - peer-review › Journal article – Annual report year: 2011

The Effect of a Voice Activity Detector on the Speech Enhancement
Research output: Research - peer-review › Journal article – Annual report year: 2010
The influence of spectral and spatial characteristics of early reflections on speech intelligibility
Arweiler, I., Buchholz, J. & Dau, T. 2010
Research output: Research - peer-review › Poster – Annual report year: 2010

The Low Pitch of High-Frequency Complex Tones Relies on Temporal Fine Structure Information
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Auditory stream formation affects comodulation masking release retroactively
Research output: Research - peer-review › Journal article – Annual report year: 2009

Comparison of cochlear delay estimates using otoacoustic emissions and auditory brainstem responses
Research output: Research - peer-review › Journal article – Annual report year: 2009

Detection and identification of monaural and binaural pitch contours in dyslexic listeners
Santurette, S., Dau, T., Poelmans, H., Luts, H. & Wouters, J. 2009
Research output: Research › Sound/Visual production (digital) – Annual report year: 2009

Development of a Danish speech intelligibility test
Research output: Research - peer-review › Journal article – Annual report year: 2009

Digital Signal Processing for Hearing Instruments
Research output: Research - peer-review › Editorial – Annual report year: 2009

Estimation of cochlear response times using lateralization of frequency-mismatched tones
Research output: Research - peer-review › Journal article – Annual report year: 2009

Processing of Binaural Pitch Stimuli in Hearing-Impaired Listeners
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Recent concepts and challenges in hearing research
Dau, T. 2009
Research output: Research › Conference abstract for conference – Annual report year: 2009

Relation between derived-band auditory brainstem response latencies and behavioral frequency selectivity
Research output: Research - peer-review › Journal article – Annual report year: 2009

Relations between frequency selectivity, temporal fine-structure processing, and speech reception in impaired hearing
Research output: Research - peer-review › Conference article – Annual report year: 2009

Speech intelligibility enhancement by early reflections
Arweiler, I., Buchholz, J. & Dau, T. 2009
Research output: Research › Poster – Annual report year: 2009
Temporal Adaptation in Click-Evoked Otoacoustic Emissions
Research output: Research › Conference abstract for conference – Annual report year: 2009

A binaural advantage in the subjective modulation transfer function with simple impulse responses
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

A computational model of human auditory signal processing and perception
Research output: Research › Conference abstract for conference – Annual report year: 2008

A computational model of human auditory signal processing and perception
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

Amplitude modulation depth discrimination in hearing-impaired and normal-hearing listeners
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

Auditory brainstem responses elicited by embedded narrowband chirps
Research output: Research › Article in proceedings – Annual report year: 2008

Auditory compensation for reverberation in normal hearing listeners
Research output: Research › Article in proceedings – Annual report year: 2008

Auditory processing models
Research output: Research › Book chapter – Annual report year: 2008

Auditory Signal Processing in Hearing Impaired Listeners: 1st International Symposium on Auditory and Audiological Research
Research output: Research › Book – Annual report year: 2008

Binaural processing of modulated interaural level differences
Research output: Research › Conference abstract for conference – Annual report year: 2008

Estimating the basilar-membrane input-output function in normal-hearing and hearing-impaired listeners
Research output: Research › Conference abstract for conference – Annual report year: 2008

Fine-structure processing, frequency selectivity and speech perception in hearing-impaired listeners
Research output: Research › Conference abstract for conference – Annual report year: 2008

Impaired auditory functions underlying degraded speech perception in noise
Research output: Research › Article in proceedings – Annual report year: 2008
Individual cochlear delay estimated with otoacoustic emissions and auditory brainstem measurements
Research output: Research - peer-review › Article in proceedings – Annual report year: 2008

Mechanisms and models of normal and impaired hearing
Dau, T. 2008
Research output: Research › Paper – Annual report year: 2008

Modeling auditory perception of individual hearing-impaired listeners
Jepsen, M. L. & Dau, T. 2008
Research output: Research › Conference abstract for conference – Annual report year: 2008

Modeling auditory signal processing in hearing-impaired listeners
Research output: Research › Article in proceedings – Annual report year: 2008

Monaural and binaural subjective modulation transfer functions in simple reverberation
Research output: Research › peer-review › Article in proceedings – Annual report year: 2008

Pitch perception in hearing-impaired listeners
Santurette, S. & Dau, T. 2008
Research output: Research › Sound/Visual production (digital) – Annual report year: 2008

Relating the absence of binaural pitch percept to retro-cochlear impairment
Santurette, S. & Dau, T. 2008
Research output: Research › peer-review › Poster – Annual report year: 2008

Representation of auditory-filter phase characteristics in the cortex of human listeners
Research output: Research › peer-review › Journal article – Annual report year: 2008

Signalanalyse beim Hören: Von der Nervenzelle zur komplexen Perzeption
Dau, T. 2008
Research output: Research › Paper – Annual report year: 2008

Spectral and temporal processing in the human auditory system
Research output: Research › Article in proceedings – Annual report year: 2008

Speech intelligibility in simulated acoustic conditions for normal-hearing and hearing-impaired listeners
Research output: Research - peer-review › Article in proceedings – Annual report year: 2008

Temporal suppression and augmentation of click-evoked otoacoustic emissions
Research output: Research - peer-review › Journal article – Annual report year: 2008
Temporal suppression and augmentation of click-evoked otoacoustic emissions
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2008

Temporal suppression of long-latency click-evoked otoacoustic emissions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2008

A neural circuit transforming temporal periodicity information into a rate-based representation in the mammalian auditory system
Research output: Research - peer-review › Journal article – Annual report year: 2007

Binaural pitch perception in hearing-impaired listeners
Research output: Research › Article in proceedings – Annual report year: 2007

Binaural pitch perception in normal-hearing and hearing-impaired listeners
Research output: Research - peer-review › Journal article – Annual report year: 2007

Comparison of level discrimination, increment detection, and comodulation masking release in the audio- and envelope-frequency domains
Research output: Research - peer-review › Journal article – Annual report year: 2007

Education in acoustics at the Technical University of Denmark
Dau, T. 2007 Forschritte der Akustik DAGA'07.
Research output: Research › Article in proceedings – Annual report year: 2007

Forward Masking: Temporal Integration or Adaptation?
Research output: Research - peer-review › Book chapter – Annual report year: 2007

Modeling comodulation masking release using an equalization-cancellation mechanism
Research output: Research - peer-review › Journal article – Annual report year: 2007

MODELING SPECTRAL AND TEMPORAL MASKING IN THE HUMAN AUDITORY SYSTEM
Research output: Research › Article in proceedings – Annual report year: 2007

Spectro-temporal processing of speech – An information-theoretic framework
Research output: Research - peer-review › Book chapter – Annual report year: 2007

Temporal suppression of long-latency click-evoked otoacoustic emissions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007
Characterizing binaural sensitivity to dynamic interaural level differences
Research output: Research › Article in proceedings – Annual report year: 2006

Characterizing binaural sensitivity to dynamic interaural level differences
Thompson, E. R. & Dau, T. 2006
Research output: Research › Conference abstract for conference – Annual report year: 2006

Individual cochlear delays measured with tone-burst-evoked otoacoustic emissions: A new method to resolve the OAE onset ambiguity in the time domain
Pigasse, G., Harte, J. & Dau, T. 2006
Research output: Research › Poster – Annual report year: 2006

Melody recognition with binaural-pitch stimuli in normal-hearing and hearing-impaired listeners
Santurette, S. & Dau, T. 2006
Research output: Research › Conference abstract for conference – Annual report year: 2006

Speech intelligibility for normal hearing and hearing-impaired listeners in simulated room acoustic conditions
Arweiler, I., Dau, T. & Poulsen, T. 2006
Research output: Research › Poster – Annual report year: 2006

A functional point-neuron model simulating cochlear nucleus ideal onset responses
Research output: Research - peer-review › Journal article – Annual report year: 2005

Comparison of intensity discrimination, increment detection, and comodulation masking release in the envelope and audio-frequency domains
Nelson, P. C., Ewert, S., Carney, L. H. & Dau, T. 2005
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2005

Effects of cochlear traveling wave and neural adaptation on auditory brainstem responses
Research output: Research - peer-review › Journal article – Annual report year: 2005

Effects of concurrent and sequential streaming in comodulation masking release
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005

Modeling comodulation masking release using an equalization cancellation mechanism
Piechowiak, T., Ewert, S. & Dau, T. 2005
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2005

Monaural and binaural processing of amplitude modulated sounds in the auditory system
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005

Sequential grouping constraints on across-channel auditory processing
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2005

The effects of neural synchronization and peripheral compression on the acoustic-reflex threshold
Research output: Research - peer-review › Journal article – Annual report year: 2005
The influence of cochlear traveling wave and neural adaptation on auditory brainstem responses
Research output: Research - peer-review | Journal article – Annual report year: 2005

External and Internal limitations in amplitude-modulation processing
Research output: Research - peer-review | Journal article – Annual report year: 2004

Masker phase effects in normal-hearing and hearing-impaired listeners: evidence for peripheral compression at low signal frequencies
Research output: Research - peer-review | Journal article – Annual report year: 2004

Searching for the optimal stimulus eliciting auditory brainstem responses in humans
Research output: Research - peer-review | Journal article – Annual report year: 2004

What does the ear tell the brain
Research output: Research - peer-review | Book chapter – Annual report year: 2004

Modulation masking produced by complex-tone modulators
Research output: Research - peer-review | Journal article – Annual report year: 2003

Projects:

Behavioural and electrophysiological correlates of synaptopathy
Märcher-Rørsted, J., Dau, T. & Hjortkjær, J.
01/11/2018 → 31/10/2021
Project: PhD

Characterizing consequences of hearing impairment and hearing-aid on speech perception in competing-talker scenarios
Mesiano, P. A., Dau, T., Pontoppidan, N. H. B. & Zaar, J.
Samfinansierede - Virksomhed
01/06/2018 → 31/05/2021
Project: PhD

Audio-visual deep learning for hearing instrument control
Fonde
01/06/2018 → 31/05/2021
Project: PhD

Characterizing neutral mechanisms of attention-driven speech processing
Fuglsang, S., Dau, T., Hjortkjær, J., May, T., Andersen, T., De Vos, M. & Shamma, S.
Anden EU-finansiering
15/05/2015 → 12/03/2019
Project: PhD

The influence of vision on spatial hearing of hearing-impaired listeners
Huisman, T., MacDonald, E., Dau, T. & Piechowiak, T.
Samfinansierede - Virksomhed
01/02/2018 → 31/01/2021
Auditory Training Strategies to Improve Speech Intelligibility in Hearing-Impaired Listeners
Koprowska, A., Dau, T., Santurette, S. & Serman, M.
Samfinansierede - Virksomhed
01/12/2017 → 30/11/2020
Project: PhD

Characterizing neural mechanisms of attention-driven speech processing
Fuglsang, S., Dau, T., Hjortkjær, J. & May, T.
Anden EU-finansiering
15/05/2015 → 14/05/2018
Project: PhD

Assessing Hearing Device Benefit using Virtual Sound Environments
Mansour, N., Dau, T., Marschall, M. & Westermann, A.
Samfinansierede - Virksomhed
01/12/2017 → 30/11/2020
Project: PhD

Clinical auditory profiling and hearing-aid fitting strategies
Sanchez Lopez, R., Dau, T., Bianchi, F. & Santurette, S.
Offentlig finansiering
01/07/2016 → 30/06/2019
Project: PhD

Perceptual consequences of noise-induced neural degeneration in humans
Holtegaard, P., Epp, B., Dau, T. & Mehraei, G.
Forskningsrådsfinansiering
01/03/2016 → 16/02/2020
Project: PhD

Controlling a hearing aid by electrically assessed eye-gaze
Favre-Félix, A., Dau, T., Graversen, C. & Lunner, T. F.
Eksternt EU-finansieret
15/12/2015 → 16/03/2019
Project: PhD

Behavioral and objective measures of auditory streaming in cochlear implant users
Paredes Gallardo, A., Marozeau, J., Dau, T., Madsen, S. M. K., Andersen, T., Micheyl, C. & Chatterjee, M.
Samfinansierede - Virksomhed
01/03/2015 → 30/09/2018
Project: PhD

Characterizing auditory and audio-visual perception in virtual environments
Ahrens, A., Dau, T. & Marschall, M.
Samfinansierede - Virksomhed
15/11/2014 → 16/02/2019
Project: PhD

Assessing hearing-aid signal processing based on variations of the Turing test
Kowalewski, B., Dau, T., Fereczkowski, M., MacDonald, E., Epp, B., Moore, B. C. J., Naylor, G. & May, T.
Samfinansierede - Virksomhed
15/09/2014 → 20/10/2018
Project: PhD
Computational speech segregation inspired by principles of auditory processing
Bentsen, T., Dau, T., Kressner, A. A., May, T., Marozeau, J., Tchorz, J. & Bleeck, S.
Samfinansieret - Andet
15/06/2014 → 07/03/2018
Project: PhD

Characterizing cochlear hearing impairment using electrophysical methods
Encina-Llamas, G., Epp, B., Dau, T., Harte, J., Marozeau, J., Bruce, I. C. & Schaette, R.
Samfinansierede - Virksomhed
15/02/2014 → 06/12/2017
Project: PhD

Predicting the consequences of hearing loss and hearing-aid signal processing on speech intelligibility
Marie Curie (EU-stipendium)
01/01/2014 → 07/02/2018
Project: PhD

Speech intelligibility enhancement using modern envelope and phase manipulations
Decorsière, R. J. B., Dau, T., MacDonald, E., Søndergaard, P. L., Agerkvist, F. T., Ghitza, O. & Stone, M. A.
Eksternt finansieret virksomhed
15/02/2010 → 19/11/2013
Project: PhD

Signal Processing in the human auditory system: Auditory-evoked Brain Responses as a Correlate of Hearing Function
Pigasse, G., Dau, T., Harte, J., Poulsen, T., Lutman, M. E. & Stenfelt, S.
Eksternt finansieret virksomhed
01/10/2004 → 23/12/2008
Project: PhD

Benefit provide by improved High Frequency Audibility
Vestergaard, M. D., Poulsen, T., Naylor, G., Dau, T., Arlinger, S. & Gatehouse, S.
Ansat eksternt CAMP
01/10/2000 → 31/03/2004
Project: PhD

Processing of spatial sounds in the impaired auditory system
Arweiler, I., Buchholz, J., Dau, T., Poulsen, T., Festen, J. M. & Tchorz, J.
1/3 DTU-stip, 2/3 FUR/andet
01/01/2008 → 14/09/2011
Project: PhD

Characterising temporal nonlinear processes in the human cochlea using otoacoustic emissions
1/3 DTU-stip, 2/3 FUR/andet
01/12/2006 → 01/09/2010
Project: PhD

Multi-Resolution Spectrotemporal Analysis of Complex Sounds in the Human Auditory System
Piechowiak, T., Dau, T., Ewert, S., Poulsen, T., van de Par, S. & Verhey, J. L.
DTU-lønnet stipendie
01/05/2005 → 18/11/2009
Project: PhD

Characterizing binaural processing of amplitude modulated sounds.
Thompson, E. R., Dau, T., Akeroyd, M. A. & Kohlrausch, A.
DTU-lønnet stipendie
15/10/2005 → 23/09/2009
Neural coding and perception of pitch in the normal and impaired human auditory system
Santurette, S., Dau, T., Buchholz, J., Poulsen, T., Lorenzi, C. & Plack, C. J.
DTU-lønnet stipendie
15/08/2007 → 24/08/2011
Project: PhD

Investigating the Auditory Mechanisms Underlying the Enhancement of Speech Intelligibility by early Reflections
Favrot, S. E., Buchholz, J., Dau, T., Seeber, B. U. & Vorländer, M.
DTU-lønnet stipendie
15/01/2007 → 01/09/2010
Project: PhD

Neurale og perceptuelle aspekter af audiovisuel taleperception
Eskelund, K., Andersen, T., Dau, T., MacDonald, E., Mørup, M., Gondan-Rochon, M. & Rosenblum, L. D.
Eksternt finansieret virksomhed
01/02/2011 → 25/09/2014
Project: PhD

Assessment of speech intelligibility in background noise and reverberation
Nielsen, J. B., Dau, T., Poulsen, T., Hagerman, B. & Laukli, E.
Eksternt finansieret virksomhed
01/03/2005 → 21/12/2009
Project: PhD

Predicting the intelligibility of processed noisy speech based on the signal-to-noise ratio in the modulation domain
Jørgensen, S., Dau, T., Brunskog, J., Cooke, M. & Culling, J.
Technical University of Denmark
15/09/2010 → 19/02/2014
Project: PhD

Characterizing human auditory processing in reverberant environments with multiple sound sources
Marschall, M., Dau, T., Buchholz, J., MacDonald, E., Brunskog, J., Pulkki, V. T. & Spors, S.
Technical University of Denmark
01/08/2010 → 12/12/2014
Project: PhD

Improvement of cochlear implant stimulation strategies using auditory modeling
Marie Curie (EU-stipendium)
15/06/2013 → 12/04/2017
Project: PhD

Modeling the consequences of hearing loss and hearing-aid processing on consonant perception
Zaar, J., Dau, T., Marozeau, J., Cooke, M. & Dubno, J. R.
Marie Curie (EU-stipendium)
01/09/2012 → 02/11/2016
Project: PhD

Characterization and prediction of perceptual consequences of individual hearing loss
Locsei, G., MacDonald, E., Dau, T., Santurette, S., Epp, B., Brand, T. & Kohlrausch, A.
Marie Curie (EU-stipendium)
01/09/2012 → 07/12/2016
Project: PhD
Temporal Coherence in the Perceptual Organization of Auditory Scenes in Normal, Impaired, and Aided-Impaired Hearing
Christiansen, S. K., Dau, T., Jepsen, M. L., MacDonald, E., Brown, G. J. & Shamma, S.
Eksternt finansieret virksomhed
15/04/2011 → 12/12/2014
Project: PhD

Design and evaluation of individualized hearing-aid signal processing and fitting
Fereczkowski, M., MacDonald, E., Dau, T., Jepsen, M. L., Marozeau, J., Lopez-Poveda, E. A. & Plack, C. J.
Institut, samfinansiering
15/07/2011 → 18/09/2015
Project: PhD

Correlations between physical and perceptual parameters of acoustic scenarios. Implications for auditory modelling and sound field design
Käsbach, J., Dau, T., Epp, B., May, T., MacDonald, E., Tchorz, J. & Whitmer, W. M.
Technical University of Denmark
01/12/2011 → 02/11/2016
Project: PhD

Effects of hearing aid signal processing on temporal auditory perception
Technical University of Denmark
01/09/2013 → 07/03/2018
Project: PhD

Computational auditory scene analysis based on a model of human binaural processing
Chabot-Leclerc, A., Dau, T., MacDonald, E., Marozeau, J., Culling, J. & van de Par, S.
Technical University of Denmark
01/04/2012 → 20/01/2016
Project: PhD

Pitch representations in the impaired auditory system and implications for music perception
Bianchi, F., Dau, T., Santurette, S., MacDonald, E., Johnsrude, I. S. & Lorenzi, C.
Technical University of Denmark
15/12/2012 → 17/08/2016
Project: PhD

Objective assessment of audio quality of hearing aid processed sound using an auditory processing model
Jepsen, M. L., Dau, T., Pedersen, M. S., Poulsen, T., Bramsløw, L., Kollmeier, B. & Meddis, R.
1/3 DTU-stip, 2/3 FUR/andet
15/10/2006 → 30/06/2010
Project: PhD

Perceptual Consequences of Impaired Auditory Signal Processing in Complex Acoustical Environments
Strelcyk, O., Dau, T., Naylor, G., Poulsen, T., Krumbholz, K. & Moore, B. C. J.
1/3 DTU-stip, 2/3 FUR/andet
15/10/2005 → 24/06/2009
Project: PhD

Analysis of the auditory system via synthesis of natural sounds, speech and music
McWalter, R. I., Dau, T., MacDonald, E., Lorenzi, C. & Chait, M.
Technical University of Denmark
01/05/2013 → 14/06/2017
Project: PhD

Characterizing the auditory cues for the processing and perception of spatial sounds
Cubick, J., Dau, T., Laugesen, S., Santurette, S., Marozeau, J., Pulkki, V. T. & Zahorik, P.
Technical University of Denmark
Project: PhD

Modeling perceptual externalization in the normal, impaired and aided-impaired auditory system
Hassager, H. G., Dau, T., May, T., Udesen, J., MacDonald, E., Majdak, P. S. & Hohmann, V.
Technical University of Denmark
01/03/2013 → 10/05/2017
Project: PhD

Distance perception in impaired and aided-impaired hearing
Catic, J., Dau, T., Santurette, S., Marozeau, J., van de Par, S. & Seeber, B.
Technical University of Denmark
15/01/2010 → 26/01/2015
Project: PhD

Modelling human auditory-evoked brain responses to complex sounds
Technical University of Denmark
01/03/2009 → 25/01/2013
Project: PhD

Prediction of speech perception based on auditory processing models
Jespersgaard, C. F. C., Dau, T., Poulsen, T., Lorenzi, C. & Rosen, S.
Technical University of Denmark
01/01/2009 → 18/12/2012
Project: PhD

Spatial release from masking in complex acoustical scenes and the effect of hearing aid processing
Löw, V., Dau, T., Westermann, A., Marschall, M. & Cubick, J.
04/01/2016 → 04/07/2016
Project: Research

The influence of visual cues on sound externalization
Carvajal, J. C. G., Cubick, J., Santurette, S. & Dau, T.
26/01/2015 → 26/07/2015
Project: Research

Activities:

Auditory tests to characterize individual hearing deficits: The BEAR test battery
Sanchez Lopez, R. (Guest lecturer), Fereczkowski, M. (Guest lecturer), Bianchi, F. (Guest lecturer), Mouhamad El-Haj-Ali (Guest lecturer), Tobias Neher (Guest lecturer), Dau, T. (Guest lecturer), Santurette, S. (Guest lecturer)
17 Aug 2018
Activity: Talks and presentations › Conference presentations

Data-driven auditory profiling as a tool to define Better hEAring Rehabilitation (BEAR)
Sanchez Lopez, R. (Guest lecturer), Fereczkowski, M. (Guest lecturer), Bianchi, F. (Guest lecturer), Santurette, S. (Guest lecturer), Dau, T. (Guest lecturer)
16 Aug 2018
Activity: Talks and presentations › Conference presentations

Hearing aid processing strategies for listeners with different auditory profiles: Insights from the BEAR project
Mengfan Wu (Guest lecturer), Mouhamad El-Haj-Ali (Guest lecturer), Sanchez Lopez, R. (Guest lecturer), Fereczkowski, M. (Guest lecturer), Bianchi, F. (Guest lecturer), Santurette, S. (Guest lecturer), Dau, T. (Guest lecturer), Tobias Neher (Guest lecturer)
16 Aug 2018
Activity: Talks and presentations › Conference presentations
An extended test battery for characterizing hearing deficits
Sanchez Lopez, R. (Speaker), Bianchi, F. (Other), Fereczkowski, M. (Other), Santurette, S. (Other), Dau, T. (Other)
29 Sep 2017
Activity: Talks and presentations › Conference presentations

Data-driven approach for auditory profiling
Sanchez Lopez, R. (Guest lecturer), Bianchi, F. (Guest lecturer), Fereczkowski, M. (Guest lecturer), Santurette, S. (Guest lecturer), Dau, T. (Guest lecturer)
23 Aug 2017 → 25 Aug 2017
Activity: Talks and presentations › Conference presentations

Auditory profiling through computational data analysis
Sanchez Lopez, R. (Other), Bianchi, F. (Other), Fereczkowski, M. (Other), Santurette, S. (Other), Dau, T. (Other)
19 Aug 2017
Activity: Talks and presentations › Conference presentations

Proceedings of the International Symposium on Auditory and Audiological Research (Journal)
Santurette, S. (Editor), Dau, T. (Editor)
2017 → …
Activity: Research › Series editor