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Schmidt, J. H., Brandt, C., Jacob Christensen-Dalsgaard, J., Andersen, T., Bælum, J. & Poulsen, T. 2009
Publication: Research - peer-review › Poster – Annual report year: 2009

Validation of a loudspeaker-based room auralization system using speech intelligibility measures
Publication: Research › Article in proceedings – Annual report year: 2009

Deriving cochlear delays in humans using otoacoustic emissions and auditory evoked potentials
Publication: Research › Ph.D. thesis – Annual report year: 2008

Amplitude modulation depth discrimination in hearing-impaired and normal-hearing listeners
A virtual auditory environment for investigating the auditory signal processing of realistic sounds
Favrot, S. E. 2008
Publication: Research › Conference abstract for conference – Annual report year: 2008

Estimating the basilar-membrane input-output function in normal-hearing and hearing-impaired listeners
Jepsen, M. L. & Dau, T. 2008
Publication: Research › Conference abstract for conference – Annual report year: 2008

Fine-structure processing, frequency selectivity and speech perception in hearing-impaired listeners
Publication: Research - peer-review › Journal article – Annual report year: 2008

Influence of the task of the listener on preference for gain at soft input levels
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Modelling across–and within–channel mechanisms in comodulation masking release
Publication: Research › Article in proceedings – Annual report year: 2008

Open-plan office environments: A laboratory experiment to examine the effect of office noise and temperature on human perception, comfort and office work performance
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

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

Questionnaire investigation of musicians’ use of hearing protectors, self reported hearing disorders and their experience of their working environment
Publication: Research - peer-review › Journal article – Annual report year: 2008

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

The perceptual flow of phonetic feature processing
Publication: Research - peer-review › Journal article – Annual report year: 2008

Information from Impact Sounds: Normal and Impaired Hearing
Publication: Research › Ph.D. thesis – Annual report year: 2007

Hearing aid processing of loud speech and noise signals: Consequences for loudness perception and listening comfort.
Publication: Research › Ph.D. thesis – Annual report year: 2007

Constrained ICA for the Analysis of High Stimulus Rate Auditory Evoked Potentials
Linguistic Scene Analysis and the Importance of Synergy

Mechanisms of within- and across- channel processing in comodulation masking release

Training of Speechreading for Severely Hearing-Impaired Persons by Human and Computer

Distant teaching of chamber music via local area networks

Melody recognition with binaural-pitch stimuli in normal-hearing and hearing-impaired listeners
Santurette, S. & Dau, T. 2006

Auditory object formation affects modulation perception

Principles of modulation processing in monaural vs. binaural hearing

A Model for the representation of Speech Signals in Normal and Impaired Ears
Christiansen, T. U. & Poulsen, T. May 2004

Benefit from amplification of high frequencies in hearing impaired: aspects of dead regions and auditory acclimatization
Vestergaard, M. D., Poulsen, T. & Naylor, G. Apr 2004

International hearing protector standardization

Occlusion effects, Part II: A study of the occlusion effect mechanism and the Influence of the earmould properties

Occlusion effects, Part I
On the relations among temporal integration for loudness, loudness discrimination, and the form of the loudness function.

Publication: Research - peer-review › Journal article – Annual report year: 1996

Hearing aid measurements with speech and noise signals

Publication: Research - peer-review › Journal article – Annual report year: 1994

Hearing Threshold and Equal Loudness Level Contours of 1/3-octave Noise Bands in a Diffuse Sound Field

Publication: Research - peer-review › Journal article – Annual report year: 1994

Projects:

Clinical auditory profiling and hearing-aid fitting strategies
Sanchez Lopez, R.
01/07/2016 → 01/07/2019
Project

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

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

Comparison of binaural microphones for externalization of sound
Sánchez Rodríguez, C., Cubick, J., Song, W. & MacDonald, E.
08/01/2015 → 05/07/2015
Project

Evaluation of a clinical auditory profile in hearing-aid candidates
Santurette, S., Thorup, N. & Friis, M.
03/02/2014 → 19/12/2014
Project

Activities:

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017
Activity: Talks and presentations › Conference presentations

Extending a computational model of auditory processing towards speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017

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

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

University of Salamanca
Iborra, H. R. (Visiting researcher)
1 Sep 2017 → 31 Dec 2017

Trends in Hearing (Journal)
Iborra, H. R. (Reviewer)
Aug 2017

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

The speech-based envelope power spectrum model (sEPSM) family: Development, achievements, and current challenges
Iborra, H. R. (Guest lecturer)
29 Jun 2017

Listening to music with a cochlear implant: Limitations and possible solutions
Marozeau, J. (Invited speaker), Santurette, S. (Invited speaker)
8 Mar 2017

Nordiske Konference - Hørelse, kognition, kommunikation
Lamping, W. (Participant), Steffen Spangmose Pedersen (Participant)
8 Mar 2017

Cochlear
Bentsen, T. (Visiting researcher)
23 Jan 2017 → 13 May 2017

ARCHES/ICANHEAR 2016
Paredes Gallardo, A. (Participant)
21 Nov 2016 → 23 Nov 2016

Music and CI symposium
Paredes Gallardo, A. (Participant)
Beyond the audiogram: How can we achieve better hearing rehabilitation?
Santurette, S. (Invited speaker)
9 Sep 2016
Activity: Talks and presentations › Conference presentations

Dansk Teknisk Audiologisk Selskab
Sanchez Lopez, R. (Participant)
9 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Effects of musical experience on pitch discrimination
Santurette, S. (Invited speaker)
9 Sep 2016
Activity: Talks and presentations › Conference presentations

Interspeech 2016
Bentsen, T. (Participant)
8 Sep 2016 → 12 Sep 2016
Activity: Attending an event › Participating in or organising a conference

Poster presentation
Bentsen, T. (Speaker)
8 Sep 2016 → 12 Sep 2016
Activity: Talks and presentations › Conference presentations

Academic communication and effective presenting
Paredes Gallardo, A. (Participant)
8 Aug 2016 → 16 Aug 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Improving Cochlear Implant Performance
Paredes Gallardo, A. (Participant)
1 Jul 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Symposium on Objective Measures in Auditory Implants
Paredes Gallardo, A. (Speaker)
15 Jun 2016 → 18 Jun 2016
Activity: Talks and presentations › Conference presentations

Predicting speech intelligibility based on a correlation metric in the modulation power domain
Iborra, H. R. (Guest lecturer)
5 Apr 2016
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Teaching and learning DTU
Paredes Gallardo, A. (Participant)
8 Mar 2016 → 11 Mar 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

The Danavox Jubilee Foundation (Publisher)
Santurette, S. (Editor)
2015 → 2016
Activity: Research › Series editor
EP Master class IV: Cortical Evoked Potentials
Paredes Gallardo, A. (Participant)
3 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Talk at Audiological Research Cores in Europe
Bentsen, T. (Speaker)
17 Nov 2015
Activity: Talks and presentations › Conference presentations

INTERSPEECH 2015
Bentsen, T. (Participant)
6 Sep 2015 → 10 Sep 2015
Activity: Attending an event › Participating in or organising a conference

Analysis of correlated data: Mixed Linear Models
Paredes Gallardo, A. (Participant)
1 Sep 2015 → 25 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Communicating Advanced Topics in Electrical Engineering
Paredes Gallardo, A. (Participant)
1 Sep 2015 → 25 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Evaluation of peripheral compression and auditory nerve fiber intensity coding using Auditory Steady-State Responses (ASSR)
Encina Llamas, G. (Speaker)
27 Aug 2015
Activity: Talks and presentations › Conference presentations

5th International Symposium on Auditory and Audiological Research
Paredes Gallardo, A. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

The Analysis of Sensory and Consumer Data
Paredes Gallardo, A. (Participant)
17 Aug 2015 → 21 Aug 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Introduction to applied statistics and R for PhD students
Paredes Gallardo, A. (Participant)
4 Jun 2015 → 28 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Evaluation of cochlear processing and auditory nerve fiber intensity coding using Auditory Steady-State Responses (ASSR)
Encina Llamas, G. (Speaker)
11 May 2015
Activity: Talks and presentations › Conference presentations

Improving Performance with Cochlear Implants
Paredes Gallardo, A. (Participant)
21 Apr 2015
Fra øre til hjerne: tværfaglig forskning i hørelse og kognition
Santurette, S. (Invited speaker)
18 Mar 2015
Activity: Talks and presentations › Conference presentations

7th Workshop on Speech in Noise
Santurette, S. (Organizer)
8 Jan 2015 → 9 Jan 2015
Activity: Attending an event › Participating in or organising a conference

SPEech In Noise
Bentsen, T. (Participant)
8 Jan 2015 → 9 Jan 2015
Activity: Attending an event › Participating in or organising a conference

5th International Symposium on Auditory and Audiological Research
Santurette, S. (Organizer)
2014 → 2015
Activity: Attending an event › Participating in or organising a conference

Concepts and computational models of robust bottom-up signal encoding
Santurette, S. (Organizer)
30 Jan 2014 → 1 Feb 2014
Activity: Attending an event › Participating in or organising a conference

The Danavox Jubilee Foundation (Publisher)
Santurette, S. (Editor)
2013 → 2014
Activity: Research › Series editor

21st International Congress on Acoustics
Le Goff, N. (Speaker)
2 Jun 2013 → 7 Jun 2013
Activity: Talks and presentations › Conference presentations

36th Annual Midwinter Meeting of the Association for Research in Otolaryngology
Le Goff, N. (Participant)
16 Feb 2013 → 20 Feb 2013
Activity: Attending an event › Participating in or organising a conference

International Symposium on Auditory and Audiological Research
Santurette, S. (Organizer)
2012 → 2013
Activity: Attending an event › Participating in or organising a conference

6th Annual Meeting of the Audiological Research Cores in Europe
Santurette, S. (Organizer)
Nov 2012
Activity: Attending an event › Participating in or organising a conference

Spontane Otoakustische Emissionen - generiert durch aktive Oszillatoren gruppiert in Frequenzplateaus
Epp, B. (Invited speaker)
12 Mar 2012
Activity: Talks and presentations › Conference presentations
35th MidWinter Meeting of the Association for Research in Otolaryngology
Bianchi, F. (Participant)
Feb 2012
Activity: Attending an event › Participating in or organising a conference

Assistive Technology for People with Vision and Hearing Impairments
Bothe, H. (Speaker)
5 Sep 2010
Activity: Talks and presentations › Conference presentations

Lippenlesen im Dialog mit dem Computer
Bothe, H. (Speaker)
9 Aug 2010
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

ThinkingHead – eine dialogfähige Computeranimation, die für das Erlernen des Absehens eingesetzt werden kann
Bothe, H. (Speaker)
7 Feb 2010
Activity: Talks and presentations › Conference presentations

Models for the dynamics of articulatory lip movements
Bothe, H. (Speaker)
5 Jul 2009
Activity: Talks and presentations › Conference presentations

Auditory neuroprostheses
Bothe, H. (Speaker)
3 May 2009
Activity: Talks and presentations › Conference presentations

ISO TC 43/WG 1: Threshold of hearing (External organisation)
Poulsen, T. (Participant)
1980 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ISO TC43/SC 1/WG 17: Methods of measurement of sound attenuation of hearing protectors (External organisation)
Poulsen, T. (Participant)
1975 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Prizes:

ISAAR scholarship
Helia Relano Iborra (Recipient), 2017
Prize: Prizes, scholarships, distinctions

Press clippings:

Nærdeme kommer
Sébastien Santurette
17/05/2014
1 media contribution
Press / Media