



## Get to know the sound processing and sound technology of the future - Look behind the scenes of AAU's new research centre CASPR

In connection to the opening of a new research centre within the area of acoustic signal processing: *Centre for Acoustic Signal Processing Research (CASPR)*, you are invited to an afternoon event with technical presentations, demos, and lab tours at the Section for Signal and Information Processing (SIP), Department of Electronic Systems, Aalborg University.

**Date: March 2., 2017.**

**Place: Aalborg Universitet, Fredrik Bajers Vej 7, Room A4-108.**

**More information about CASPR: [caspr.es.aau.dk](http://caspr.es.aau.dk)**

**Free registration. Use the link to sign up: [TILMELDING](#)**

Program:

12.45 Registration

Welcome (by J. Østergaard, Z.-H. Tan, J. Jensen)

- Eskild Holm Nielsen, Dean of Technical Faculty of ICT and Design, AAU
- Finn Möhring, Vice President at Oticon A/S
- Børge Lindberg, Head of Department of Electronic Systems, AAU

Hearing Aid History by Claus Nielsen, Eriksholm, Oticon A/S,

CASPR Visions (by J. Østergaard, Z.-H. Tan, J. Jensen)

Technical presentations, lab tours, demos, and reception

15.30 End of program

Overview of technical presentations and demos:

Poster	Research Topic	Presenter
#1	<i>Detection of Spoken Words in Noise: Comparison of Human Performance to Maximum Likelihood Detection*</i>	M. Jahromi
#2	<i>Wireless High-Quality Audio Streaming with Superregular Erasure Correction</i>	J. Hansen
#3	<i>Joint Audio Compression and Enhancement in Networks</i>	A. Zahedi
#4	<i>Deep Neural Networks for Speech Enhancement and Separation*</i>	M. Kolbæk
#5	<i>Deep Neural Networks for Spoofing Detection</i>	H. Yu
#6	<i>Robust Audio-Based Direction-of-Attention and Navigation on Social Robots*</i>	N.B. Thomsen
#7	<i>Metric Learning for Face Recognition</i>	X. Duan
#8	<i>Incorporating Pass-Phrase Dependent Background Models for Text Dependent Speaker Verification</i>	A.K. Sarkar
#9	<i>Personalising Content Selection Using Vision-Based User Identification in a Contextual Ontological Framework</i>	M.S. Kristoffersen
#10	<i>Intelligibility Prediction for Hearing Assistive Devices</i>	A.H. Andersen
#11	<i>Multi-Microphone Speech Enhancement and Dereverberation*</i>	J. Jensen
#12	<i>Informed Sound Source Localization for Hearing Assistive Devices</i>	M. Farmani
#13	<i>Hearing aid hands-on*</i>	C. Nielsen
#14	<i>CASPR: Vision, Mission, and Scientific Scope</i>	J. Østergaard, Z.-H. Tan, J. Jensen

\*Presentation includes demo.