Preliminary program - CHSCOM2013

This preliminary program will be continuously updated.

Day 1  Sunday, June 16

09:00 – 16:00 Registration (Marmorfoajén), Linköping Konsert & Kongress
(http://arenabolaget.se/en/konsert-kongress)

09.00 – 09.30 Technical/practical information for pre-conference speakers (Crusellhallen)

09.30 – 10.00 Welcome to CHSCOM2013 pre-conference: ? (Crusellhallen)

10.00 – 10.15 Classon, E. Verbal fluency in adults with postlingually acquired hearing impairment

10.15 – 10.30 Petersen, E. Measuring cognitive Load during Listening: Changes in the EEG with Noise Level

10.30 – 10.45 Moradi, S. The Impact of Noise on the amount of Time Required for Correct Identification of Audiovisual Speech Tasks

10.45 – 11.00 Kiely, K. Do hearing aids attenuate hearing-related cognitive decline?

11.00 – 11.15 Break

11.15 – 11.30 Nakeva von Mentzer, C. Computer-assisted intervention for children with hearing impairment: Cognitive factors and phonological growth

11.30 – 11.45 Gyldenkaerne, P. Altered processing of auditory stimulus in background noise in children with listening difficulties

11.45 – 12.00 Ng, E. Noise reduction improves memory for target speech in a competing speech

12.00 – 13.00 Lunch

13.00 – 13.15 Mishra, S. Audiovisual presentation supports cognitive processing of information hard in modulated noise

13.15 – 13.30 Holmer, E. The effect of computerized sign language based literacy training in Deaf beginning readers

13.30 – 13.45 Pronk, M. Decline in older persons’ ability to recognize speech in noise – The influence of demographic, health-related, environmental, and cognitive factors

13.45 – 14.00 Thorslund, B. The effect of hearing loss on driving performance and experience of navigation system

14.00 – 14.15 Shehorn, J. Speech Perception in Noise Using Non-Linear Frequency Compression with a Cognitive Load Task

14.15 – 14.30 Signoret, C. Lexical access speed determines the role of working memory in pop-out

14.30 – 16.00 Coffee break (Marmorfoajén)

16.00 – 16.05 Welcome to CHSCOM2013: Westerberg, B. Main moderator.

16.05 – 16.20 Welcome to Linköping: Dannetun, H. Vice-Chancellor of Linköping University.

16.20 – 16.25 General information CHSCOM2013: Westerberg, B. Main moderator and Chair of the Swedish Institute for Disability Research.

16.25 – 16.35 Introduction to Cognitive Hearing Science: Rönnberg, J. Chair of the Scientific Committee and Director of Linnaeus Centre HEAD.

16.35 – 17.05 Keynote: Kraus, N. Tuning the brain for communication in older adults: insights from music and software-based training.

17.05 – 17.35 Keynote: Musiek, F. Neuroaudiological applications of Gap Detection.
Day 2  Monday, June 17

7.30 – 8.30  Technical/practical information for speakers (Crusellhallen)
8.30 – 8.35  Welcome and general information: Main moderator Bengt Westerberg (Crusellhallen)
8.35 – 9.05  Keynote: Wingfield, A. Age, Hearing Loss, and the Cost of Effortful Listening
9.05 – 9.10  Introduction to Theme 1: Cognitive hearing under adverse conditions. Theme moderator: Larry Humes
9.40 – 10.10 Coffee break (Marmorfoajén)
10.10 – 10.25 Schneider, B. The interplay of auditory and cognitive factors when listening to speech under adverse conditions.
10.25 – 10.40 Scott, S. Masking speech - the neural systems recruited by different aspects of listening to speech in noise.
10.40 – 10.55 Dawes, P. Listening effort and cognitive reserve: How reaction times provide a window on performance.
11.10 – 11.15 Introduction to Theme 2: Cognition and hearing instrument signal processing. Theme moderator: Stig Arlinger
11.15 – 11.30 Souza, P. Using cognitive measures to direct clinical decisions.
11.30 – 11.45 Lunner, T. Beyond speech intelligibility testing: A memory test for assessment of signal processing interventions in ecologically valid listening situations
12.00 – 13.00 Lunch (Garden)
13.00 – 13.15 Humes, L. Individual differences in aided speech understanding in older adults
13.15 – 13.30 Neher, T. Do cognitive function and hearing loss interact with benefit from binaural noise reduction?
13.45 – 14.15 Coffee break (Marmorfoajén)
14.15 – 14.20 Introduction to Theme 3: Cognition and multimodal communication. Theme moderator: Ruth Campbell
14.20 – 14.35 Rudner, M. Working memory for sign language – Verbal working memory in the visuospatial domain
14.35 – 14.50 Sommers, M. Individual differences in executive functions predict benefits of auditory-visual compared with auditory-only presentations.
14.50 – 15.05 MacSweeney, M. The relationship between speechreading and reading in deaf children and adults
15.05 – 15.20 Meunier, F. The speech-in-noise comprehension deficit in dyslexia
15.35 – 17.00 Poster session Theme 1 – 3 (Marmorfoajén and Spegelsalen)
Day 3  Tuesday, June 18

7.30 – 8.30  Technical/practical information for speakers (Crusellhallen)
8.30 – 8.35  Welcome and general information: Main moderator Bengt Westerberg (Crusellhallen)
8.35 – 9.05  Keynote: Woll, B. Language delay matters for deaf people’s linguistic and cognitive abilities.
9.05 – 9.10  Introduction to Theme 4: Cognition and clinical assessment/intervention
  Theme moderator: Björn Lyxell
9.25 – 9.40  Stenfell, S. The demands on the cognitive system – what the audiogram does not tell you.
9.40 – 10.10  Coffee break (Marmorfoajén)
10.10 – 10.25  Andersson, G. The role of cognition in the treatment of tinnitus
10.25 – 10.40  Davis, A. Hearing and communication - the role hearing healthcare plays in promoting and ensuring well-being and moderation of cognitive decline.
10.40 – 10.55  van Wieringen, A. Understanding the causes of variability in spoken language outcome of children with cochlear implants.
10.55 – 11.10  Henshaw, H. Auditory and working memory training: assessing the relative benefits to real-world listening abilities of people with hearing loss
11.25 – 11.30  Introduction to Theme 5: Cognition in special populations.
  Theme moderator: Mary Rudner
11.30 – 11.45  Mayberry, R. The neural and linguistic correlates of late language acquisition.
11.45 – 12.00  Cardin, V. Differences in Heschl’s gyrus activation between deaf and hearing individuals is driven by auditory deprivation, and not by language experience.
12.00 – 13.00  Lunch (Garden)
13.00 – 13.15  Möller, C. Different deafblind syndromes and cognitive function. Geno-phenotype correlations and/or sensory deprivation.
13.15 – 13.30  Pinheiro, A. Investigating the role of emotion in the differentiation between self-generated and alien speech: a window into auditory hallucinations in schizophrenia?
13.45 – 17.00  Poster session Theme 4-7 (Marmorfoajén and Spegelsalen)
19.00  Conference dinner (Garden)

Day 4  Wednesday, June 19

7.30 – 8.30  Technical/practical information for speakers (Crusellhallen)
8.30 – 8.35  Welcome and general information: Main moderator Bengt Westerberg (Crusellhallen)
8.35 – 9.05  Keynote: Gathercole, S. Disorders of working memory: causes, consequences, and treatments.
9.05 – 9.10  Introduction to Theme 6: Cognition and hearing loss in a life span perspective.


9.40 – 9.55 Lyxell, B. Phonological intervention in deaf and hearing-impaired children with cochlear implants and/or hearing aids.

9.55 – 10.25 Coffee break (Marmorfoajén)

10.25 – 10.40 Sharma, A. Cross-modal cortical re-organization in hearing loss.

10.40 – 10.55 Dubno, J. Longitudinal changes in hearing and speech recognition for older adults.

10.55 – 11.10 Pichora-Fuller, K. Do hearing and cognition share a special connection in terms of how negative views of aging affect self-perceived ability and actual performance?

11.10 – 11.15 Introduction to Theme 7: The cognitive hearing brain
Theme moderator: Jerker Rönnberg

11.15 – 11.30 Zekveld, A. The eye as window to the listening brain: the neural correlates of pupillometry as measure of cognitive listening load.

11.30 – 11.45 Break

11.45 – 12.00 Mohamad, N. Exploring the consequences of tinnitus on working memory and attention

12.00 – 12.15 Kotz, S. Timing and Prediction in Audition: From Sound to Speech.

12.15 – 12.30 Peelle, J. Neural signatures of effort and intelligibility during speech comprehension.

12.30 – 12.45 ?

12.45 – 13.00 Johnsrude, I. Effortful listening: perception and learning of degraded speech depend critically on attention.

13.00 – 13.10 Thanks and summary: Main moderator Bengt Westerberg and Jerker Rönnberg

13.10 Lunch to-go (Marmorfoajén)