

Hanse-Wissenschaftskolleg
Institute for Advanced Study

Symposium

Psycholinguistic Models as Explanatory Links Between Functional Communication Difficulties and Hearing Loss

Delmenhorst, October 15 – 16, 2015

Organizer:

Dr. Rebecca Carroll

Carl von Ossietzky Universität Oldenburg

Venue:

Hanse-Wissenschaftskolleg
Institute for Advanced Study

Lemkühlenbusch 4
27753 Delmenhorst

Germany

www.h-w-k.de

Program

Thursday, October 15, 2015

- 13:30 – 13:40 Susanne Fuchs (Hanse Institute for Advanced Study),
Rebecca Carroll (University of Oldenburg, Germany):
Welcome
- 13:40 – 14:00 Rebecca Carroll:
Introduction and problem outline
- PART 1: Modeling Word Recognition and Lexical Processing**
- 14:00 – 14:30 Michael Vitevitch (University of Kansas, Lawrence, USA):
How the lexical network influences lexical processing
- 14:30 – 15:00 Michael Ramscar (University of Tübingen, Germany):
Ageing, learning, and lexical access
- 15:00 – 15:30 Bernd Meyer (University of Oldenburg, Germany):
Human and automatic speech recognition – a relation
with mutual benefits
- 15:30 – 16:00 Coffee break**
- PART 2: Speech Perception in Acoustically Challenging Listening Situations**
- 16:00 – 16:30 Odette Scharenborg (Radboud University, Nijmegen,
Netherlands):
Ignoring the merry in marry: Listening in a non-native
language in the presence of background noise
- 16:30 – 17:00 Anita Wagner (UMCG, Groningen, Netherlands):
Speech perception in cochlear implant users
- 17:00 – 17:30 Rebecca Carroll:
The role of acoustic settings for speech recognition and
its relation to lexical access
- 17:30 – 17:45 BRIEF DISCUSSION ON MODELS AND PREDICTIONS FOR
DISTORTED SIGNALS
- 18:00 Bus transfer to Oldenburg**
- 19:00 – 22:30 Evening event**
Visit to the House of Hearing & Auditory Garden, Oldenburg
Dinner

Friday, October 16, 2015

PART 2 Continued: Speech Perception in Acoustically Challenging Listening Situations

- 09:30 – 10:00 Esther Janse (Radboud University, Nijmegen, Netherlands):
Age-related hearing loss and accessing representations in long-term memory for short-term recall
- 10:00 – 10:30 Antje Strauß (GIPSA Grenoble, France):
Neural oscillatory dynamics of processing distorted speech: Benefits of semantic prediction and attentional selection
- 10:30 – 11:00 Coffee Break**
- 11:00 – 11:30 DISCUSSION ON MODEL PREDICTIONS FOR SPEECH PERCEPTION IN ADVERSE CONDITIONS
- 11:30 – 12:00 Esther Ruigendijk (University of Oldenburg, Germany):
Code switching from a psycholinguistic perspective and some ideas on lexical access in proficient second language learners
- 12:00 – 13.30 Lunch**
- ### **PART 3: Beyond Lexical Access**
- 13:30 – 14:00 Kirsten Weber (Hanse Institute for Advanced Study):
Context effects during semantic word processing - A brain connectivity study
- 14:00 – 14:30 Atty Schouwenaars (University of Oldenburg, Germany):
Speech recognition and processing in CI children: Lexical vs. morpho-syntactic knowledge
- 14:30 – 15:00 Rebecca Carroll:
Conclusion and outlook
- 15:00 End of Symposium**