Aging and Speech Communication: Third International and Interdisciplinary Research Conference
October 12-14, 2009
Indiana University
Bloomington, Indiana

Sunday, October 11
3-7 p.m.  Registration Check-in (Indiana Memorial Union, Hotel Lobby)

Monday, October 12
7:00 a.m. - noon  Registration Check-in
7:00 a.m.  Breakfast
7:45 a.m.  Welcoming Remarks

AGING AND THE AUDITORY SYSTEM

8:00 a.m.  Neurobiology of the Aging Auditory System: An Overview of Structural, Genetic and Functional Changes
Robert Frisina, University of Rochester

8:40 a.m.  Inhibitory Neurotransmission, Plasticity and Aging in the Mammalian Central Auditory System
Donald Caspary, Southern Illinois University

9:20 a.m.  Aging and the Auditory System: What We’ve Learned from the Gerbil & Mouse
Richard Schmiedt, Medical University of South Carolina

10:00 a.m.  Break

CHANGES IN “MIDDLE AGE”

10:20 a.m.  Cognitive Changes across the Lifespan: An Overview
Elizabeth Stine-Morrow, University of Illinois

11:00 a.m.  Auditory Discourse Comprehension across the Adult Lifespan
Mitchell Sommers, Washington University

11:40 a.m.  Temporal-Order Identification in Visual, Auditory, and Tactile Modalities across the Adult Lifespan
Tom Busey, Jim Craig, Larry Humes and Diane Kewley-Port, Indiana University

12:30-2:00 p.m.  LUNCH
PHYSIOLOGICAL MEASURES

2:00 p.m.  The Ways in Which Context and Knowledge Can Assist Speech Comprehension, Especially in Challenging Listening Conditions  
Ingrid S. Johnsrude, Queen’s University

2:40 p.m.  Aging and the Cocktail Party Problem: What Can We Learn from Electromagnetic Recording  
Claude Alain, University of Toronto

3:20 p.m.  Break

3:40 p.m.  Increased Cross-Modal Distractibility in Older Adults  
Paul Laurienti, Wake Forest University

4:20 p.m.  Using Eye-tracking to Explore Age-Related Differences in Spoken Language Comprehension  
Craig Chambers, University of Toronto at Mississauga

5:00-7:00 p.m.  Social Hour and Poster Session A

Tuesday, October 13

7:00 a.m.  Breakfast

THE PROBLEM OF INTERFERING SPEECH

8:00 a.m.  Aging and Speech Understanding in the Presence of Competing Speech  
Karen Helfer, University of Massachusetts

8:40 a.m.  Spatial Release from Informational Masking in Older Adults with Hearing Loss  
Nicole Marrone, Northwestern University

9:20 a.m.  Benefits of Spatial Separation for Aided Listening in Older Adults  
Judy Dubno, Medical University of South Carolina

10:00 a.m.  Break

TEMPORAL PROCESSING AND AGING

10:20 a.m.  Aging and Auditory Temporal Processing: Evidence of Sub-types of Presbycusis  
Kathy Pichora-Fuller, University of Toronto at Mississauga
11:00 a.m.  **Aging and the Effects of Accent on Perception of Temporal Acoustic Cues**  
*Sandy Gordon-Salant and Pete Fitzgibbons, University of Maryland*

11:40 a.m.  **Age, Speed of Processing, and Language Comprehension**  
*Arthur Wingfield and Patricia Tun, Brandeis University*

12:30 -1:30 p.m.  **LUNCH**

**LANGUAGE AND SPEECH PERCEPTION**

1:30 p.m.  **I'll Never Forget What's-her-name: Cognitive and Neural Mechanisms Underlying Aging Effects on Language Production**  
*Deborah Burke, Pomona College*

2:10 p.m.  **Ease of Language Understanding (ELU) Model: Selective Effects of Aging and the Cognitive Disuse Hypothesis**  
*Jerker Ronnberg, Linkoping University*

2:50 p.m.  **Effects of Lexical Competition on Sentence Perception in Aging**  
*Vanessa Taler and David Pisoni, Indiana University*

3:30 p.m.  **Break**

3:50 p.m.  **Neural Bases of Speech Recognition in Noise: Integrating What We Hear, See, and Know**  
*Lee Miller, University of California, Davis*

4:30 p.m.  **It Takes Two to Communicate: Speech-Production Issues that May Impact on Perception**  
*Pascal van Lieshout, University of Toronto*

5:15-7:15 p.m.  **Social Hour and Poster Session B**

*Wednesday, October 14*

7:00 a.m.  **Breakfast**

**IMPROVING PERFORMANCE OF OLDER ADULTS**

8:00 a.m.  **Hearing Aids in Older Adults: Outcomes and Preferences**  
*Robyn Cox, University of Memphis*
8:40 a.m.  **On Cognition and Hearing Aids**  
*Thomas Lunner, Linkoping University*

9:20 a.m.  **Amplification Technologies and Speech Understanding in Older Adults**  
*Pam Souza, Northwestern University*

10:00 a.m.  Break

10:20 a.m.  **Older Adults with Hearing Impairment Seeking Rehabilitation for the First Time: What They Choose and Why**  
*Louise Hickson, University of Queensland*

11:00 a.m.  **Aging and Training-Induced Plasticity**  
*Kirk Erickson, University of Pittsburgh, and Arthur Kramer, University of Illinois*

11:40 a.m.  **Neuromodulation, Neural Plasticity, and Aging**  
*Shu-Chen Li, Max Planck Institute for Human Development*

12:30 p.m.  Adjourn (Box Lunches)