

# Interdisciplinary Approaches to Speech Indexing and Retrieval

## PRELIMINARY PROGRAM

Thursday, May 6

8:45-8:55 Welcome  
8:55-9:40 Keynote Speech

### SESSION 1

9:40-10:00 Invited Speaker  
10:00-10:10 Discussant  
10:10-10:30 Discussion  
10:30-11:00 BREAK

### SESSION 2

11:00-11:20 *A System for Searching and Browsing Spoken Communications*  
Lee Begeja, Bernard Renger, Murat Saraclar, David Gibbon, Zhu Liu and Behzad Shahraray  
11:20-11:40 *Analysis and Processing of Lecture Audio Data: Preliminary Investigations*  
James Glass, Timothy J. Hazen, Lee Hetherington and Chao Wang  
11:40-12:00 *Audio Hot Spotting and Retrieval using Multiple Features*  
Qian Hu, Fred Goodman, Stanley Boykin, Randy Fish and Warren Greiff  
12:00-12:10 Discussant  
12:10-12:30 Discussion

12:30-14:00 LUNCH/POSTER SESSION

Poster Invited Poster  
Poster Invited Poster  
Poster *Scoring Algorithms for Wordspotting Systems*  
Robert W. Morris, Jon A. Arrowood, Peter S. Cardillo and Mark A. Clements  
Poster *Using Soundex Codes for Indexing Names in ASR Documents*  
Hema Raghavan and James Allan  
Poster *Assessing Prosodic and Text Features for Segmentation of Mandarin Broadcast News*  
Gina-Anne Levow

### SESSION 3

14:00-14:20 Invited Speaker  
14:20-14:40 Invited Speaker  
14:40-15:00 *General Indexation of Weighted Automata - Application to Spoken Utterance Retrieval*  
Cyril Allauzen, Mehryar Mohri and Murat Saraclar  
15:00-15:10 Discussant  
15:10-15:30 Discussion  
15:30-16:00 BREAK

### PANEL DISCUSSION ON SETTING THE RESEARCH AGENDA

16:10-16:20 Brief Statements from Panelists  
16:20-16:35 Panelists respond to issues posed by the moderator  
16:30-16:55 Panelists discussion with the audience  
16:55-17:00 Wrap up