Speech Prosody 2010

Every Language, Every Style: Globalizing the Science of Prosody

Speech Prosody 2010, the fifth international conference on speech prosody, invites papers addressing any aspect of the science and technology of prosody. Speech Prosody, the biennial meeting of the Speech Prosody Special Interest Group (SProSIG) of the International Speech Communication Association (ISCA), is the only recurring international conference focused on prosody as an organizing principle for the social, psychological, linguistic, and technological aspects of spoken language. Speech Prosody 2010 seeks, in particular, to discuss the universality of prosody. To what extent can the observed scientific and technological benefits of prosodic modeling be ported to new languages, and to new styles of spoken language? Toward this end, Speech Prosody 2010 especially welcomes papers that create or adapt models of prosody to languages, dialects, sociolects, and/or communicative situations that are inadequately addressed by the current state of the art.

Prospective authors are invited to submit four-page papers at http://speechprosody2010.illinois.edu on topics including:
- Prosody of under-resourced languages and dialects
- Communicative situation and speaking style
- Dynamics of prosody: structures that adapt to new situations
- Phonology and phonetics of prosody
- Rhythm and duration
- Syntax, semantics, and pragmatics
- Meta-linguistic and para-linguistic communication
- Signal processing
- Automatic speech synthesis, recognition and understanding
- Prosody of sign language
- Prosody in face-to-face interaction: audiovisual modeling and analysis
- Prosodic aspects of speech and language pathology
- Prosody in language contact and second language acquisition
- Prosody and psycholinguistics
- Prosody in computational linguistics
- Voice quality, phonation, and vocal dynamics

Keynote Lectures

Keynote lectures encourage members of the audience to re-interpret their own research in the broadest and deepest possible scientific context, thereby encouraging revolutionary new understanding of speech prosody. 2010 keynote speakers will include:

Diane Brentari
Speech and Hearing
Purdue University

Steven Mithen
Archaeology
University of Reading

Shrikanth Narayanan
Electrical Engineering
Univ. Southern California

Mari Ostendorf
Electrical Engineering
Univ. Washington

Aniruddh Patel
The Neurosciences Institute

Important Dates

- Four-Page Paper Submission Deadline: November 15, 2009
- Conference: May 11-14, 2010