Speech Prosody 2010

Every Language, Every Style: Globalizing the Science of Prosody

Call for Papers

Prosody is, as far as we know, a universal characteristic of human speech, founded on the cognitive processes of speech production and perception. Adequate modeling of prosody has been shown to improve human-computer interface, to aid clinical diagnosis, and to improve the quality of second language instruction, among many other applications.

Speech Prosody 2010, the fifth international conference on speech prosody, invites papers addressing any aspect of the science and technology of prosody. Speech Prosody 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.

Topics

Speech Prosody 2010 will include keynote presentations, oral sessions, and poster sessions covering 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

Submission of Papers

Prospective authors are invited to submit full-length, four-page papers, including figures and references, at http://speechprosody2010.org. All Speech Prosody papers will be handled and reviewed electronically.

Venue

The Doubletree Hotel Magnificent Mile is located two blocks from North Michigan Avenue, and three blocks from Navy Pier, at the cultural center of Chicago. The Windy City has been the center of American innovation since the mid nineteenth century, when a railway link connected Chicago to the west coast, civil engineers reversed the direction of the Chicago river, Chicago financiers invented commodity corn (maize), and the Great Chicago Fire destroyed almost every building in the city. The Magnificent Mile hosts scores of galleries and museums, and hundreds of world-class restaurants and boutiques.

Important Dates

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