ORENCE (ITALY)

Interspeech 2011 is the 12th Conference in the annual series of Interspeech events. It will be held in Florence (Italy) under the sponsorship of the Italian Voice Science Association (AISV) and the International Speech Communication Association (ISCA).

www.interspeech2011.org Interspeech2011@promoleader.com



International Speech Communication Association www.isca-speech.org



AISV - Associazione Italiana di Scienze della Voce **Regional Italian Speech Communication SIG** www.aisv.it



ISTC-CNR - Istituto di Scienze e Tecnologie della Cognizione www.pd.istc.cnr.it

ORGANIZATION and ORGANIZERS

Piero Cosi, ISTC-CNR - Padova

Renato De Mori, LIA - University of Avignon

Local Ch Claudia Manfredi, DET - University of Firenze

Luigi Cammi, PLS Group - Firenze

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TOPIC AREAS

HUMAN SPEECH PRODUCTION, PERCEPTION AND COMMUNICATION

SPEECH AND LANGUAGE TECHNOLOGY SPOKEN LANGUAGE SYSTEMS AND APPLICATIONS **RESOURCES, STANDARDIZATION AND EVALUATION** SPECIAL SESSIONS

David Terni, PLS Group - Firenze Luigi Cammi, Renato De Mori, Piero Cosi

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All's



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TOPIC AREAS

HUMAN SPEECH PRODUCTION, PERCEPTION AND COMMUNICATION

- Human speech production
- Human speech and sound perception
- Linguistics, phonology and phonetics
- Intersection of spoken and written languages
- Discourse and dialogue
- Prosody (production, perception, prosodic structure, modeling)
- Paralinguistic and nonlinguistic cues (emotion & expression)
- Physiology and pathology of spoken language
- Spoken language acquisition, development and learning
- Speech and other modalities (facial expression, gesture)

SPEECH AND LANGUAGE TECHNOLOGY

- Speech analysis and representation
- Speech segmentation
- Audio segmentation and classification
- Speaker turn detection
- Speech enhancement
- Speech coding and transmission
- Voice conversion
- Speech synthesis and spoken language generation
- Automatic speech recognition
- Spoken language understanding

Language and dialect identification

- Cross-lingual and multi-lingual speech processing
- Multimodal/Multimedia signal processing (including sign languages)
- Speaker characterization and recognition
- Signal processing for music and song
- Spoken language technology for prosthesis, rehabilitation, wellness and welfare
- Computational linguistics for SLP
- Written Language Processing for SLP

SPOKEN LANGUAGE SYSTEMS AND APPLICATIONS

- Spoken dialogue systems
- SLP Systems for information extraction/retrieval
- Systems for spoken language translation
- Applications for aged and handicapped persons
- Applications for learning and education
- Other applications

RESOURCES, STANDARDIZATION AND EVALUATION

- Spoken language resources and annotation
- Evaluation and standardization of spoken language systems

SPECIAL SESSIONS

ORGANIZATION AND ORGANIZERS

Conference Chair:

Piero Cosi, ISTC-CNR - Padova

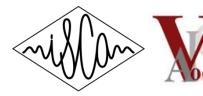
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Local Chair: Claudia Manfredi, DET – University of Firenze

Local Coordinators: Luigi Cammi, PLS Group – Firenze Leonardo Bocchi, DET - University.of Firenze

Technical Program Chairs: Roberto Pieraccini, Speechcycle - New York

Giuseppe Di Fabrizio, AT&T New Jersey





Plenary Sessions Chair:

Giuseppe Riccardi, DIT - University of Trento

Tutorials Chair: Maurizio Omologo, FBK-IRST Trento

Satellite Workshop Chair: Cinzia Avesani, ISTC CNR Padova

Special Sessions Chairs: Mauro Falcone, FUB Roma Amanda Stent, AT&T New Jersey



Student Session & Social Program Chair: Francesco Cutugno, NLP Univ. of Napoli









