



**Session :**      **Speech, speaker and language recognition**

**Time: 08:30 – 10:30**



**IMPROVEMENTS ON ISOLATED WORD RECOGNITION USING SUBSPACE METHODS ([Abstract](#))**

M. Bilginer Gulmezoglu (Osmangazi University, Turkey)



**ENHANCEMENT OF SPEAKER IDENTIFICATION USING SID-USABLE SPEECH ([Abstract](#))**

Saurabh Khanwalkar (Temple University, United States)

Brett Smolenski (Temple University, United States)

Robert Yantorno (Temple University, United States)

Stanley Wenndt (Air Force Research Laboratory/IFEC, United States)



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### **AUDIO-VISUAL SPEECH RECOGNITION WITH A HYBRID SVM-HMM SYSTEM ([Abstract](#))**

Mihai Gurban (Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland)  
Jean-Philippe Thiran (Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland)



### **SVM SPEAKER VERIFICATION USING A NEW SEQUENCE KERNEL ([Abstract](#))**

Jérôme Louradour (IRIT – UPS, France)  
Khalid Daoudi (IRIT – UPS, France)



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**TURKISH DICTATION SYSTEM FOR BROADCAST NEWS APPLICATIONS ([Abstract](#))**

Ebru Arisoy                      (Bogazici University, Turkey)  
Levent M. Arslan              (Bogazici University, Turkey)



**LONGER-LENGTH ACOUSTIC UNITS FOR CONTINUOUS SPEECH RECOGNITION ([Abstract](#))**

Annika Hämäläinen        (Radboud University Nijmegen, Netherlands)  
Johan De Veth                (Radboud University Nijmegen, Netherlands)  
Louis Boves                    (Radboud University Nijmegen, Netherlands)

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**A QUANTITATIVE METHOD FOR PERFORMANCE ANALYSIS OF AN ISOLATED WORD ASR SYSTEM**

**(Abstract)**

Michele Gubian

(ICT University of Trento, Italy)

Luigi Arnone

(AST labs – STMicroelectronics – Agrate Brianza (MI), Italy)

Sergio Brofferio

(Politecnico of Milan, Italy)



**COMPARATIVE STUDY OF LETTER ENCODING FOR TEXT-TO-PHONEME MAPPING (Abstract)**

Eniko Beatrice Bilcu

(Tampere University of Technology, Finland)

Jaakko Astola

(Tampere University of Technology, Finland)

Jukka Saarinen

(Nokia Research Center, Finland)

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