



Session : **SIMILAR Interfaces for Handicapped**

Time: 16:00 – 17:30



CUED SPEECH HAND GESTURES RECOGNITION TOOL ([Abstract](#))

Thomas Burger (France Telecom, France)
Alice Caplier (Laboratoire des Images et des Signaux, France)
Stéphane Mancini (Laboratoire des Images et des Signaux, France)



OBJECT RECOGNITION FOR THE BLIND ([Abstract](#))

Georgios Nikolakis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
Dimitrios Tzovaras (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
Michael G. Strintzis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)

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ASSISTIVE MULTIMODAL SYSTEM BASED ON SPEECH RECOGNITION AND HEAD TRACKING **(Abstract)**

Andrey Ronzhin

(St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS), Russia)

Alexey Karpov

(St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS), Russia)



REAL TIME GESTURAL INTERFACE FOR GENERIC APPLICATIONS (Abstract)

Cem Keskin

(Bogazici University, Turkey)

Oya Aran

(Bogazici University, Turkey)

Lale Akarun

(Bogazici University, Turkey)

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TEXT-TO-SIGN LANGUAGE SYNTHESIS TOOL ([Abstract](#))

- Maria Papadogiorgaki (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
- Nikos Grammalidis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
- Dimitrios Tzovaras (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
- Michael G. Strintzis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)



GAZE DIRECTION ESTIMATION TOOL BASED ON HEAD MOTION ANALYSIS OR IRIS POSITION ESTIMATION ([Abstract](#))

- Alexandre Benoit (Laboratoire des Images et des Signaux, France)
- Alice Caplier (Laboratoire des Images et des Signaux, France)
- Laurent Bonnaud (Laboratoire des Images et des Signaux, France)



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SOFTWARE TOOLS FOR SPEECH THERAPY AND VOICE QUALITY MONITORING ([Abstract](#))

Oytun Turk (Bogazici University Multimedia Laboratory, Turkey)
Levent M. Arslan (Bogazici University Multimedia Laboratory, Turkey)



SIGN LANGUAGE TUTORING TOOL ([Abstract](#))

Oya Aran (Bogazici University, Turkey)
Cem Keskin (Bogazici University, Turkey)
Lale Akarun (Bogazici University, Turkey)

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CANE SIMULATION FOR THE BLIND ([Abstract](#))

- Georgios Nikolakis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
- Dimitrios Tzovaras (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)
- Michael G. Strintzis (Informatics and Telematics Institute, Centre for Research and Technology Hellas, Greece)



SYPOLE: A MOBILE ASSISTANT FOR THE BLIND ([Abstract](#))

- Céline Thillou (Faculté Polytechnique de Mons, Belgium)
- Silvio Ferreira (Faculté Polytechnique de Mons, Belgium)
- Vincent Gaudissart (Faculté Polytechnique de Mons, Belgium)
- Bernard Gosselin (Faculté Polytechnique de Mons, Belgium)