

Preliminary program of HAID'08

Monday, 15.9.

9:30-> Registration

10:15 Welcome

10:30 Keynote I: Marcelo Wanderley

11:30 **Lunch**

13:00 **Session I: Visual impairment**

Evaluation of Continuous Direction Encoding with Tactile Belts
Martin Pielot, Niels Henze, Wilko Heuten, Susanne Boll

Supporting Collaboration between Visually Impaired and Sighted Children in a Multimodal Learning Environment
Erika Tanhua-Piironen, Virpi Pasto, Roope Raisamo and Eva-Lotta Sallnäs

14:00 **Session II: Applications of multimodality**

Perceptually Informed Roles for Haptic Feedback in Expressive Music Controllers
Ricardo Pedrosa, Karon MacLean

Real-Time Gesture Recognition, Evaluation and Feed-Forward Correction of a Multimodal Tai-Chi Platform
Otniel Portillo-Rodriguez, Oscar O. Sandoval-Gonzalez, Emanuele Ruffaldi, Rosario Leonardi, Carlo Alberto Avizzano and Massimo Bergamasco

15:00 **Coffee break**

15:30 **Session III: Evaluation**

Towards Haptic Performance Analysis Using K-Metrics
Richard Hall, Hemang Rathod, Mauro Maiorca, Ioanna Ioannou, Edmund Kazmierczak, Stephen O Leary, and Peter Harris

Multimodal Interaction: Real Context Studies on Mobile Digital Artefacts
Tiago Reis, Marco de Sá, Luís Carriço

A System for Multimodal Exploration of Social Spaces
Victor V. Kryssanov, Shizuka Kumokawa, Igor Goncharenko, and Hitoshi Ogawa

19:00 **Conference dinner**

Tuesday, 16.9.

9:30 Keynote II: Petri Toiviainen

10:30 **Session IV: Conceptual integration of audio and haptics**

An Audio-Haptic Aesthetic Framework Influenced by Visual Theory

Angela Chang and Conor O'Sullivan

In Search for an Integrated Design Basis for Audio and Haptics

Antti Pirhonen and Kai Tuuri

11:30 **Lunch**

13:00 **Demo/poster session**

~14:30 **Coffee break**

15:00 **Session V: Interaction techniques**

tacTiles for Ambient Intelligence and Interactive Sonification

Thomas Hermann and Risto Koiva

An Audio-Haptic Interface Concept Based on Depth Information

Delphine Devallez, Davide Rocchesso, and Federico Fontana

16:00 **Session VI: Perception**

Crossmodal rhythm perception

Maria Jokiniemi, Roope Raisamo, Jani Lylykangas, and Veikko Surakka

The Effect of Auditory Cues on the Audiotactile Roughness Perception: Modulation Frequency and Sound Pressure Level

M. Ercan Altinsoy

17:00 Closing of HAID'08

17:30-> Smoke sauna, outdoor swimming, hiking, etc.