



WOCCI 2009

2nd Workshop on
Child, Computer and Interaction



November 5, 2009
Boston – USA

In Conjunction with ICMI-MLMI
<http://wocci2009.fbk.eu/>

Call for Papers

The Workshop on Child, Computer and Interaction will be held in Boston on November 5th, 2009. The Workshop is a satellite event of the Eleventh International Conference on Multi-modal Interfaces, this year jointly with Machine Learning Multi-modal Interaction (ICMI-MLMI 2009) that will take place in the same venue November 2-4, 2009.

This Workshop aims at bringing together researchers and practitioners from universities and industry working in all aspects of child-machine interaction including computer, robotics and multi-modal interfaces. Children are special both at the acoustic/linguistic level but also at the interaction level. The Workshop provides a unique opportunity for bringing together different research communities from cognitive science, robotics, speech processing, linguistics and application areas such as medical and education. Various state-of-the-art components can be presented here as key components for next generation child centred computer interaction. Technological advances are increasingly necessary in a world where education and health pose growing challenges to the core well-being of our societies. Noticeable examples are remedial treatments for children with or without disabilities and individualised attention. The Workshop should serve for presenting recent advancements in core technologies as well as experimental systems and prototypes.

Technical Scope

The technical scope of the workshop includes, but it is not limited to:

- **Speech Interfaces:** acoustic and linguistic analysis of children's speech, discourse analysis of spoken language in child-machine interaction, age-dependent characteristics of spoken language, automatic speech recognition for children and spoken dialogue systems
- **Multi-modality and Robotics:** multi-modal child-machine interaction, multi-modal input and output interfaces, including robotic interfaces, intrusive, non-intrusive devices for environmental data processing, pen or gesture/visual interfaces
- **User Modelling:** user modelling and adaptation, usability studies accounting for age preferences in child-machine interaction
- **Cognitive Models:** internal learning models, personality types, user-centred and participatory design
- **Application Areas:** training systems, educational software, gaming interfaces, medical conditions and diagnostic tools

Paper submission

Authors are invited to submit papers in any technical areas relevant to the workshop. The technical committee will select papers for oral/poster presentations. Demonstrations are especially welcome. Instructions for paper submission are available at the Workshop website. An electronic version of Workshop proceedings will be published by ACM.

Chairs

Kay Berkling

(Inline Internet Online GmbH,
Germany)

Diego Giuliani

(Fondazione Bruno Kessler, Italy)

Shrikanth Narayanan

(Univ. Southern California, USA)

Technical Committee

(see updates online)

Alex Potamianos

(Tech. Univ. of Crete, Greece)

Justine Cassell

(Northwestern, USA)

Elmar Noeth

(Univ. of Erlangen, Germany)

Martin Russell

(Univ. Birmingham, UK)

Hiromichi Kawanami

(Nara Institute of Science and
Technology, Japan)

John Hansen

(University of Texas Dallas, USA)

Abeer Alwan

(University of California LA, USA)

Bryan Pellom

(Rosetta Stone, Inc., USA)

Matteo Gerosa

(Fondazione Bruno Kessler, Italy)

Serdar Yildirim

(Mustafa Kemal University, Turkey)

Stefan Steidl

(Univ. of Erlangen, Germany)

Deadlines/Important dates:

Two-page abstract submission: June 15, 2009

Notification of acceptance: July 7, 2009

Four page paper final submission and author's registration: August 20, 2009

For registration visit
<http://icmi2009.acm.org>