

# ACHI 2014

## Foreword

The Seventh International Conference on Advances in Computer-Human Interactions (ACHI 2014), held between March 23-27, 2014 in Barcelona, Spain, continued a series of events targeting traditional and advanced paradigms for computer-human interaction in multi-technology environments. The conference also covered fundamentals on interfaces and models, and highlighted new challenging industrial applications and research topics.

ACHI 2014 was proposed as a result of a paradigm shift in the most recent achievements and future trends in human interactions with increasingly complex systems. Adaptive and knowledge-based user interfaces, universal accessibility, human-robot interaction, agent-driven human computer interaction, and sharable mobile devices are a few of these trends. ACHI 2014 also proposed a suite of specific domain applications, such as gaming, e-learning, social, medicine, teleconferencing and engineering.

We take here the opportunity to warmly thank all the members of the ACHI 2014 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to ACHI 2014. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the ACHI 2014 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ACHI 2014 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of computer-human interaction.

We are convinced that the participants found the event useful and communications very open. We hope that Barcelona, Spain, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

### **ACHI 2014 Chairs:**

Leslie Miller, Iowa State University - Ames, USA

Katia Sykara, Carnegie Mellon University, USA

Alma Leora Culén, University of Oslo, Norway

Hermann Kaindl, Vienna University of Technology, Austria