Preface
ACHI 2008

The first edition of the ACHI conference was held in Saint Luce, Martinique from February 10 to February 15, 2008.

The inaugural conference on Advances in Computer-Human Interaction, ACHI 2008, is 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 2008 brings also a suite of specific domain applications, such as gaming, e-learning, social, medicine, teleconferencing and engineering.

The event was very competitive in its selection process and very well perceived by the international scientific and industrial communities. As such, it is attracting excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

The accepted papers covered a wide range of human-computer interaction related topics such as graphical user interfaces, input methods, training, recognition, and applications. We believe that the ACHI 2008 contributions offered a large panel of solutions to key problems in all areas of human-computer interaction.

We take here the opportunity to warmly thank all the members of the ACHI 2008 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 that dedicated much of their time and efforts to contribute to the ACHI 2008. We truly believe that thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations and sponsors. In addition, we also gratefully thank the members of the ACHI 2008 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success.

We hope the ACHI 2008 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the human-computer interaction field.

We also hope that everyone saved some time for visiting the surroundings in the beautiful Martinique.

ACHI 2008 Chairs
Sergiu Dascalu, University of Nevada - Reno, USA
Alf Inge Wang, Norwegian University of Science and Technology, Norway
Irinel C. Dragan, University of Texas - Arlington, USA [Games]
Shuzhi Sam Ge, National University of Singapore, Singapore [Human-robots systems]
Tomoharu Nakashima, Osaka Prefecture University, Japan [Learning systems]
Alfredo Milani, Universita degli Studi di Perugia, Italy [Knowledge systems]
Brian C. Lovell, The University of Queensland, Australia [Visison-Patterns]
Yannis Viniotis, North Carolina State University, USA [Networking]
Jean-Claude Latombe, Stanford University, USA [Robotics]
Andreas C. Nearchou, University of Patras, Greece [Robotics]
Harri Oinas-Kukkonen, University of Oulu, Finland [Social aspects, persuasive technologies]
Janan Zaytoon, University of Reims, France [Biomedical systems]