AMBIENT 2016

Forward

The Sixth International Conference on Ambient Computing, Applications, Services and Technologies (AMBIENT 2016), held between October 9 and 13, 2016 in Venice, Italy, was devoted to a global view on ambient computing, services, applications, technologies and their integration.

On the way for a full digital society, ambient, sentient and ubiquitous paradigms lead the torch. There is a need for behavioral changes for users to understand, accept, handle, and feel helped within the surrounding digital environments. Ambient comes as a digital storm bringing new facets of computing, services and applications. Smart phones and sentient offices, wearable devices, domotics, and ambient interfaces are only a few of such personalized aspects. The advent of social and mobile networks along with context-driven tracking and localization paved the way for ambient assisted living, intelligent homes, social games, and telemedicine.

We take here the opportunity to warmly thank the members of the AMBIENT 2016 technical program committee, as well as all the reviewers. The creation of such a 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 effort to contribute to AMBIENT 2016.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the AMBIENT 2016 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope AMBIENT 2016 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of ambient computing, applications, services and technologies

We also hope that Venice, Italy, provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

AMBIENT Advisory Committee

Maarten Weyn, University of Antwerp, Belgium Yuh-Jong Hu, National Chengchi University-Taipei, Taiwan (ROC) Naoki Fukuta, Shizuoka University, Japan Andrzej Skowron, Warsaw University, Poland Stephan Hengstler, MeshEye Consulting, USA Jean Vareille, Université de Bretagne Occidentale, France Peter Roelofsma, VU - Amsterdam, The Netherlands Tomasz Rutkowski, University of Tsukuba, Japan Keith V. Nesbitt, University of Newcastle, Australia Gunver Majgaard, University of Southern Denmark, Denmark Sven Hartmann, Clausthal University of Technology, Germany Daniel Berckmans, Katholieke Universiteit Leuven, Belgium Eugenio Aguirre Molina, Universidad de Granada, Spain Jean-Paul Sansonnet, LIMSI, University of Paris-Sud 11, France José Bravo, Castilla-La Mancha University, Spain Shusaku Nomura, Nagaoka University of Technology, Japan

AMBIENT 2016 Industry/Research Liaison Chairs

Rémi Emonet, Idiap Research Institute, Switzerland
Mieczyslaw A. Klopotek, Polish Academy of Sciences - Warszawa, Poland
Gerhard Nussbaum, Competence Network Information Technology to Support the Integration
of People with Disabilities, Austria
Alexander Paar, TWT GmbH Science and Innovation, Germany
Patrick Sayd, CEA SACLAY - NANO INNOV - Gif Sur Yvette, France
Ingo Zinnikus, DFKI GmbH - Saarbrücken, Germany
Jennifer Stein, University of Southern California, USA
Florian Scharf, Institute for Multimedia and Interactive Systems, Germany

AMBIENT Special Area Chairs

Agents

Adina Magda Florea, University "Politehnica" of Bucharest, Romania

Context-awareness

Sylvain Giroux, Université de Sherbrooke, Canada

Resiliency and Ambient Environments

Vincenzo De Florio, MOSAIC/Universiteit Antwerpen & MOSAIC/iMinds, Belgium

AMBIENT Publicity Chairs

Tomas Zizka, technical University of Liberec, Czech Republic