

AMBIENT 2020

Forward

The Tenth International Conference on Ambient Computing, Applications, Services and Technologies (AMBIENT 2020), held on October 22-29, 2020, continued a series of events 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.

The conference had the following tracks:

- Ambient devices, applications and systems
- Ambient services, technology and platforms
- Ambient Environments for Assisted Living and Virtual Coaching
- User Friendly Interfaces

We take here the opportunity to warmly thank all the members of the AMBIENT 2020 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 2020. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the AMBIENT 2020 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that AMBIENT 2020 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.

AMBIENT 2020 Steering Committee

Lorena Parra Boronat, Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario and Universitat Politecnica de Valencia, Spain

Yuh-Jong Hu, National Chengchi University-Taipei, Taiwan (ROC)

Jerry Chun-Wei Lin, Western Norway University of Applied Sciences, Bergen, Norway

Kenji Suzuki, Tokyo Institute of Technology, Japan

Valerie Camps, Paul Sabatier University - IRIT, Toulouse, France

AMBIENT 2020 Publicity Chair

Daniel Andoni Basterrechea, Universitat Politecnica de Valencia, Spain