Preface

The 2017 European Conference on Ambient Intelligence is one of the prime venues for research in ambient intelligence, with experts participating not only from Europe but from around the globe. After skipping the 2016 edition, we are now providing a fresh start for the interdisciplinary research community interested in the field of ambient intelligence and related fields such as Internet of Things, smart cities, etc., and approaching them from points of view ranging from computer science and engineering, to psychology and social sciences to design and architecture. Technologies that were part of the vision of ambient intelligence are becoming more and more common in our daily lives, with smart devices recognizing our speech, or intelligent agents providing us with personalized services, leading to new ways for us to interact with our environment.

The formal proceedings of this 13th edition of the European Conference on Ambient Intelligence are collected in Vol. 10217 of Springer's LNCS. The AmI 2017 conference solicited contributions with the themes of:

– Enabling Technologies, Methods and Platforms
– Objectives and Approaches of Ambient Intelligence and Internet of Things
– From Information Design to Interaction and Experience Design
– Application Areas of AmI and IoT

AmI 2017 attracted the interest of researchers from academia and industry, who contributed to our varied program on research in ambient intelligence. This year's edition received 29 submissions for the full and short paper track. Each of these papers received at least three reviews by members of our Technical Program Committee that comprised experts from industry, academia, and research organizations. This process led to the acceptance of 16 full papers and four short papers, with an acceptance rate of 69%. These were accepted for a presentation and are included in this volume.

In addition we include one keynote with accompanying paper by the distinguished speaker Dr. Norbert Streitz, founder of the Smart Future Initiative. He presented an inspiring talk on "Reconciling Humans and Technology: The Role of Ambient Intelligence."

We observed a trend toward declining conference attendance and a smaller than expected number of submissions. Nonetheless, the European Conference on Ambient Intelligence remains highly engaging for the research community, with the respective editions of the proceedings receiving a large number of chapter downloads. This gives us hope that the research community and industry can benefit from the presented works and get inspiration for future research, designs, and products.

We would like to extend our thanks to the authors who submitted their research to AmI 2017, contributing to the high-quality program. Most importantly, this would not have been possible without the help of our Technical Program Committee and the Organizing Committee. Our Program Committee members and several subreviewers

dedicated their time to provide high-quality reviews of the submissions, within a very tight schedule. Without their help we would not have been able to offer such an engaging program. We would also like to thank our honorary chair, Norbert Streitz, for his counsel during all phases of making this conference happen.

March 2017   Andreas Braun
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