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Smart Sensing and Context

Second European Conference, EuroSSC 2007
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Proceedings

Springer

Volume Editors

Gerd Kortuem
Lancaster University
InfoLab21, Computing Department
Lancaster, LA1 4W4, UK
E-mail: kortuem@comp.lancs.ac.uk

Joe Finney
Lancaster University
InfoLab21, Computing Department
Lancaster, LA1 4WA, UK
E-mail: joe@comp.lancs.ac.uk

Rodger Lea
University of British Columbia
Media and Graphics Interdisciplinary Centre
FSC 3640 - 2424 Main Mall, Vancouver, B.C.,Canada
E-mail: rodgerl@ece.ubc.ca

Vasughi Sundramoorthy
Lancaster University
InfoLab21, Computing Department
Lancaster, LA1 4W4, UK
E-mail: v.sundramoorthy@comp.lancs.ac.uk

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Preface

On behalf of the organizing committee for EuroSSC 2007, we would like to welcome you to the proceedings of the second European Conference on Smart Sensing and Context. Although only in its second year, EuroSSC has already begun to attract significant interest from researchers in the rapidly evolving area of embedded sensing and intelligent objects in support of smart surroundings. Building on the success of the previous conference held in Enschede, The Netherlands, EuroSSC 2007 aimed to reflect two complementary viewpoints: a technology-driven viewpoint which encompasses the diversity of intelligent sensing and associated information processing and a user-driven viewpoint exploring scenarios, applications and interaction methods as they relate to smart surroundings.

This year the conference received a total of 51 paper submissions. These represented contributions from 21 countries from Europe, the Middle East, and Africa (69%); Asia (21%); and North America (10%). This obviously reflects the European origins of the conference. However we were particularly pleased by the high number of submissions from Asia reflecting the range and diversity of relevant work in that region. From these the program committee selected 17 papers (33%) for presentation at the conference after a rigorous review process. Every paper received at least three independent reviews, most received four and some five reviews.

Our main concern during the review process was not only to select the highest quality papers, but also to choose a subset of the best papers that reflected the two complementary viewpoints of the conference and that collectively represented the diversity of the research work in the community. As such, the 17 papers chosen cover 4 core areas: sensing and sensor data interpretation; context inference and management; context aware models and platforms; and high level applications and scenarios. These were divided into 4 sessions: context frameworks and platforms; spatial and motion context; human behavior as context; and sensing technologies and case studies. In addition we invited Andrew T. Campbell, Associate Professor of Computer Science at Dartmouth College, to give an invited paper presentation on sensing systems for social network applications. Ours is a diverse field, and we hope that these papers will show the diversity and range of our community, but also allow us to explore the connections and interactions between different aspects of the field.

Given the broad range of this year's submissions the reviewing process was a challenging one. The members of the program committee and the reviewers worked hard under an extremely tight deadline to complete all reviews to ensure a balanced and fair assessment of each paper. Once the papers had been reviewed, we had four days of online discussion to decide on the final selection and to ensure a balanced program. We also worked hard to ensure that all of the authors received useful feedback, so that the papers we could not include in the program could be revised and perhaps submitted elsewhere. Conferences like these are sustained by the community, and we are extremely grateful to all those who volunteered their valuable time to help in the review process and in the creation of such a strong program for EuroSSC 2007.

Equally we extend our thanks to the 106 authors of the submitted papers for their efforts in writing and submitting their work.

Finally, we would like to extend our thanks to the other conference chairs and everyone involved in the organization of EuroSSC 2007, among them Christos Efstratiou, Mark Lowton, Rene Mayrhofer, and Utz Roedig.

August 2007

Gerd Kortuem
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