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130

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# Mobile Computing, Applications, and Services

5th International Conference, MobiCASE 2013  
Paris, France, November 7-8, 2013  
Revised Selected Papers



Springer

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# Preface

This volume contains the papers presented at the 5th International Conference on Mobile Computing, Applications, and Services (MobiCASE), which was held November 7–8, 2013, in Paris, France. MobiCASE brought together leading researchers, developers, and professionals in the field of mobile technologies. The conference was sponsored by ICST and technically co-sponsored by the IEEE Computer Society and Create-Net in association with the European Alliance for Innovation (EAI). MobiCASE was also sponsored by Inria, Institut Mines-Telecom, and CEA-List.

The aim of the MobiCASE conferences is to provide a platform for researchers from academia and industry to advance mobile application and services research, an exciting area that has attracted significant attention from the community in recent years. The first MobiCASE conference, MobiCASE 2009, was held in San Diego, during October 26–29, 2009; the second, MobiCASE 2010, was held in Santa Clara, during October 25–28, 2010; the third, MobiCASE 2011, was held in Los Angeles, during October 24–27, 2011; the fourth, MobiCASE 2012 was held in Seattle, during October 11–12, 2012.

This year MobiCASE 2013 debuted for the first time in Europe and attracted innovators from around the world to share the latest knowledge on mobile applications and services research.

The conference received a total of 64 submissions and the Program Committee selected 13 long papers and five short papers for oral presentation at the conference, following a highly selective review process. An additional nine papers were accepted for poster presentation.

In addition to the mobiCASE main track, a workshop on “Near Field Communication for Mobile Applications” was organized by Pascal Urien and brought together experts to discuss next-generation applications based on NFC. Another highlight of the conference was the industry track. This year, the industry track focused on mobile development for the automotive industry and delivered insights into trends in mobile communication for cars with an invited talk from Otmar Schreiner from Continental.

In addition to the regular papers included in this volume, the conference featured two keynote speeches by Dominique Hazaël-Massieux (W3C) with the title “The Web: On Mobile and Beyond” and Tony Wasserman from Carnegie Mellon University-Silicon Valley on “Mobile Application Development and the End of High-Ceremony Processes.”

I would like to sincerely thank the members of the Program Committee and the external reviewers for their hard work in reviewing the submissions. Furthermore, I would like to thank Gerard Memmi (general chair) for his support

in ramping up a great edition of MobiCASE in 2013 and his tireless efforts in managing all of the local arrangements required for a successful meeting.

We were honored to be part of this year's MobiCASE and look forward to the continued success of the conference in coming years.

December 2013

Ulf Blanke

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Reconciling Cloud and Mobile Computing Using Activity-Based Predictive Caching

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