Distributed Applications and Interoperable Systems

7th IFIP WG 6.1 International Conference, DAIS 2007
Paphos, Cyprus, June 6-8, 2007
Proceedings
Preface

This volume contains the proceedings of the Seventh IFIP WG 6.1 International Conference on Distributed Applications and Interoperable Systems (DAIS 2007) held in Paphos, Cyprus, June 6-8, 2007. Distributed applications and interoperable systems have become an integral part of everyday living, part of the socio-economic ecosystem of our human environment. With such interdependence between society and software, distributed software applications must be sustainable and adaptable in the long term, despite the changes in our environment. Therefore, the theme of DAIS 2007 was “Towards Sustainability” and the papers of DAIS2007 addressed the following questions:

- How do we ensure our distributed applications can make local adaptation to specific circumstances of their deployment?
- How do we make our interoperable systems evolvable in the face of widespread change in their environment?
- How do we integrate distributed software within the wider fabric of computing within our modern world?

The conference program presented research contributions in context-awareness, adaptation, mobility, distributed applications and peer-to-peer computing, all of which relate to the sustainability of distributed applications and integrated systems. This year, the technical program of DAIS drew from 97 submitted papers, accepting 24 papers. Each accepted paper was reviewed (as a full paper) by at least three reviewers, coordinated by our International Program Committee.

The DAIS 2007 conference was again sponsored by IFIP (International Federation for Information Processing) and it was the seventh conference in the DAIS series of events organized by the IFIP Working Group 6.1. DAIS 2007 was part of the federated conference DisCoTec (Distributed Computing Techniques), together with the Ninth International Conference on Coordination Models and Languages (COORDINATION) and the Ninth IFIP International Conference on Formal Methods for Open Object-Based Distributed Systems (FMOODS).

We would like to take this opportunity to thank the numerous people whose work made this conference possible. We wish to express our deepest gratitude to the authors of submitted papers, to all Program Committee members and external reviewers for their participation in the paper review process, to Ricky Robinson for publicity, to the DAIS Steering Committee for their advice, to the University of Cyprus for hosting DisCoTec, and to George Angelos Papadopoulos for acting as General Chair of DisCoTec.

June 2007

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Kerry Raymond
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