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Security in Pervasive Computing

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Preface

This volume contains the papers presented at the 2nd International Conference on Security in Pervasive Computing (SPC 2005) held April 6–8, 2005 in Boppard, Germany. The objective of this second conference was to develop new security concepts for complex application scenarios based on systems like handhelds, phones, smartcards, RFID-chips and smart labels hand in hand with the emerging technology of ubiquitous and pervasive computing. In particular the conference focused on methods and technologies concerning the identification of risks, the definition of security policies, and the development of security and privacy measures, especially cryptographic protocols that are related to specific aspects of ubiquitous and pervasive computing like mobility, location-based services, ad hoc networking, resource allocation/restriction, invisibility, and secure hardware/software platforms.

We received 48 submissions. Each submission was reviewed by three independent reviewers and an electronic Program Committee meeting was held via the Internet. We are very grateful to the Program Committee members for their efficiency in processing the work and also for the quality of their reviews and discussions. Finally the Program Committee decided to accept 14 long papers and 3 short papers.

Apart from the Program Committee, we would like to thank also the other persons who contributed to the success of this conference: the additional referees for reviewing the papers, the authors for submitting the papers, and the local organizers, and in particular Hans-Peter Wagner, for the local organization of the conference in Boppard. SPC 2005 was hosted by the Bundesakademie für öffentliche Verwaltung of the Federal Ministry of the Interior, and was sponsored by the DFKI and BSI.

April 2005   Dieter Hutter and Markus Ullmann

Organization

SPC 2005 was organized by the German Research Center for Artificial Intelligence (DFKI GmbH) in Saarbrücken and the German Federal Office for Information Security (BSI) in Bonn.

Executive Committee

Program Co-chairs	Dieter Hutter (DFKI GmbH, Germany)
	Markus Ullmann (BSI, Germany)
Local Arrangements	Hans-Peter Wagner (BSI, Germany)

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Seiji Tomita	NTT Information Platform Laboratories, Japan
Markus Ullmann	BSI, Bonn, Germany

Invited Speakers

Lorenz M. Hilty	Swiss Federal Lab for Material Testing
Panos Papadimitratos	Cornell University, USA
Dennis Kuegler	BSI, Bonn, Germany
Frederic Thiesse	University of St. Gallen
Claudia Eckert	TH Darmstadt and FhG Darmstadt

Additional Referees

D. Balfanz   A. Hohl   G. Rock
L. Buttyan   H. Kelter   E. Rukzio
L. Cheikhrouhou   F. Koob   D. Schreckling
N. Courtois   R. Monroy   H. Schwigon
G. Durfee   A. Nonnengart   J. Seedorf
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Sponsoring Institutions

Deutsches Forschungszentrum für Künstliche Intelligenz GmbH DFKI, Saarbrücken, Germany
Federal Office for Information Security, Germany.

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