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Trust, Privacy and Security in Digital Business

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Preface

The advances in information and communication technologies have raised new opportunities for the implementation of novel applications and the provision of high-quality services over global networks. The aim is to utilize this "information society era" to improve the quality of life for all citizens, disseminating knowledge, strengthening social cohesion, generating earnings, and finally ensuring that organizations and public bodies remain competitive in the global electronic marketplace. Unfortunately, such a rapid technological evolution cannot be problem-free. Concerns are raised regarding the "lack of trust" in electronic procedures and the extent to which information security and user privacy can be ensured.

In answer to these concerns, the 9th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2012) was held in Vienna during September 4–6, 2012. TrustBus 2012 brought together researchers from different disciplines, developers, and users, all interested in the critical success factors of digital business systems, and provided an international forum for researchers and practitioners to exchange information regarding advancements in the state of the art and practice of trust and privacy in digital business.

TrustBus 2012 received 42 paper submissions, which were all reviewed by at least two, and most of them by three or four members of the international Program Committee (PC). Based on the reviews and discussions between PC Chairs and PC members, 16 full papers and three short papers were finally accepted for presentation at the conference. Topics addressed by the accepted papers published in the proceedings include Web security, secure management processes and procedures, access control, trust models, privacy policies and privacy-enhancing technologies, cryptographic solutions as well as secure services, databases, and data warehouses. An invited keynote talk was given by Sarah Spiekermann, Vienna University of Economics and Business, on "Privacy - A New Era?". Furthermore, TrustBus organized in 2012 for the first time a special session, in which EU FP7 research projects related to trust, privacy, and security presented their recent research results.

We would like to thank all authors, especially those who presented their work selected for the program, as well as all EU project presenters. Moreover, we are very grateful to all PC members and additional reviewers who contributed with thorough reviews and participated in PC discussions ensuring a high quality of all accepted papers. We also owe special thanks to Sarah Spiekermann for contributing with her keynote talk.

Last but not least, we gratefully acknowledge the valuable help by Costas Lambrinoudakis when preparing TrustBus 2012 and by the local DEXA organizer Gabriela Wagner for her outstanding support.

June 2012

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