

Preface

The 14th Smart Card Research and Advanced Application Conference was held in Bochum, Germany, during November 4–6, 2015. The conference was organized by the Horst Görtz Institute for IT-Security (HGI) and held at the Ruhr University Bochum (RUB).

Since 1994, CARDIS has been the foremost international conference dedicated to smart card research and applications. Smart cards and secure elements are the basis for many secure systems and play a decisive role in ID management. Established computer science areas such as hardware design, operating systems, system modeling, cryptography, verification, and networking have adapted to this fast growing technology and investigate emerging issues resulting from it. Unlike events devoted to commercial and application aspects of smart cards, CARDIS conferences gather researchers and technologists who focus on all aspects of the design, development, deployment, validation, and application of smart cards and secure elements in secure platforms or systems.

CARDIS 2015 received 40 submissions from 18 countries. Each paper was reviewed by at least three independent reviewers. The selection of 17 papers to fill the technical program was accomplished based on 158 written reviews. This task was performed by the 29 members of the Program Committee with the help of 69 external reviewers. The technical program also featured two invited talks. The first invited speaker, Brecht Wyseur, from Nagra, Switzerland, presented “White-Box Cryptography and Smart Cards: Friend or Foe?” The second invited speaker, Sebastian Faust, from Ruhr University Bochum, Germany, gave a talk on “Leakage Resilient Masking Schemes.”

We would like to thank the Organizing Committee chairs, Tim Güneysu, Amir Moradi, and Christof Paar, for their excellent conference management. Furthermore, we would like to thank Aurélien Francillon for his valuable advice and help. We are also grateful for the excellent local arrangements organized by Irmgard Kühn. Besides the organizers of the conference and the venue, we would also like to express our sincere thanks to the people who enabled the technical program to have such high quality. These are most prominently the members of the Program Committee and the external reviewers, but also the invited speakers and the authors. Finally, we would also like to acknowledge the Steering Committee for giving us the privilege of serving as program chairs of CARDIS 2015. In particular, we thank the Steering Committee chair, François-Xavier Standaert, for his help and guidance throughout the process.

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