

Preface

These proceedings contain the revised versions of the papers selected for presentation at CARDIS 2013, the 12th Smart Card Research and Advanced Application Conference, organized by the Chair for Security in Telecommunications (SecT), Technical University of Berlin, and held at the Moevenpick Hotel, Berlin, Germany.

The CARDIS conference, first held in Lille, France, in 1994, will turn 20 next year. Over these years, as smart cards became a pervasive, foundational technology for bootstrapping security and trust, CARDIS became the foremost international conference dedicated to research on all aspects of smart cards and their applications, including hardware design, operating systems, application software, security protocols, as well as physical and system security.

The conference provides an unparalleled forum for researchers from academia, industry, testing labs, and government organizations to present and discuss exploratory research and novel advances in this area. Its unique format allows authors to incorporate these discussions and feedback into the final papers that are published here.

This year, the CARDIS Program Committee reviewed 47 submissions and selected 17 papers for presentation at the conference. Each paper received at least three reviews and all submissions by the Program Committee members received at least five reviews. This task was performed by the 38 members of the Program Committee members with the help of 70 external reviewers. The technical program also featured three invited talks. The first invited speaker, Prof. Srdjan Capkun, from ETH, Zurich, presented “Selected Topics in Wireless Physical Layer Security”. The second invited speaker, Dr. Mathias Wagner, Fellow and Chief Security Technologist at NXP Semiconductors, spoke about “Security in Industry — When is Good, Good Enough?”. The third invited speaker, Mr. Olivier Thomas from Texplained, SARL, spoke on the topic of “Adequate Security”.

CARDIS 2013 owes its success to the hard work and dedication of a number of people, and we would like to use this opportunity to thank them for their service. First and foremost, we would like to thank the members of the Program Committee and the external reviewers for conducting the task of evaluating and discussing the submissions with professionalism and within a short and abbreviated timeline. We are very grateful to Jean-Pierre Seifert, the general chair of CARDIS 2013, and his excellent team including Kevin Redon, Claudia Petzsch, and Juliane Kraemer for their flawless conference management. We are especially grateful to Kevin Redon for managing the conference website and making our task easier. We thank the CARDIS Steering Committee for giving us the privilege of serving as program chairs of this premier conference, and we especially thank Prof. Jean-Jacques Quisquater for organizing and publicizing this event and for his help and guidance throughout the process. Last, not least, we thank all the authors who submitted papers and all the attendees who contributed to the discussions and made the conference a memorable event.

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