Preface

The 14th International Conference on Applied Cryptography and Network Security, ACNS 2016, took place June 19–22, 2016, in Guildford, UK, and was organized by the Surrey Centre for Cyber Security (SCCS) at the University of Surrey.

ACNS is an annual conference focusing on original research in applied cryptography, cyber security, and privacy. Both academic research with high relevance to real-world problems and developments in industrial and technical frontiers fall within the scope of the conference.

ACNS 2016 received 183 submissions, all of which were reviewed by the Program Committee. Each of the 49 Program Committee members was assigned an average of 11 submissions for review. Each paper was assigned to at least three reviewers, while submissions co-authored by Program Committee members were assigned to at least four reviewers. The Program Committee was helped by the reports and opinions of 138 external reviewers. The submission process was not anonymous and author names were visible to all reviewers. The review process was organized and managed through EasyChair. The reviewers were asked to declare any conflicts of interest for all submissions in the beginning of the process. The selection process was very competitive and after highly interactive discussions and a careful deliberation, 35 papers were selected by the Program Committee for presentation at the conference. This puts the acceptance rate of ACNS 2016 at 19 %.

The ACNS 2016 program included two invited talks: "Securing Positioning: From GPS to IoT" by Srdjan Capkun from ETH Zurich and "Foundations of Hardware-Based Attested Computation and Applications of SGX" by Bogdan Warinschi from Bristol University. The prize for the Best Student Paper was awarded to Elena Kirshanova and Friedrich Wiemer for their paper "Parallel Implementation of BDD Enumeration for LWE" co-authored with Alexander May.

ACNS 2016 was organized by Mark Manulis and Ahmad-Reza Sadeghi, who served as program chairs, selected the Program Committee, and led their efforts in choosing papers that you will find in this volume, and by Steve Schneider, who served as general chair and was helped in the local organization by Anna-Lisa Ferrara and Shujun Li.

The ACNS 2016 chairs would like to thank everyone who contributed to the success of the conference. We are grateful to the Program Committee and external reviewers for their commitment, hard work, and enthusiasm to ensure that each paper received a thorough and fair review. Last but not least, we wish to thank all conference participants for making ACNS 2016 an enjoyable experience.

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Mark Manulis
Ahmad-Reza Sadeghi
Steve Schneider

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