

Preface

The 10th Conference on Security and Cryptography for Networks (SCN 2016) was held in Amalfi, Italy, from August 31 to September 2, 2016. The conference has traditionally been held in Amalfi, with the exception of the fifth edition that was held in the nearby Maiori. The first three editions of the conference were held in 1996, 1999, and 2002. Since 2002, the conference has been held biannually.

Modern communication is achieved mostly through the use of computer networks. Computer networks bring many advantages, such as easy access to information and fast communication. However guaranteeing security of distributed transactions is a challenging task. The SCN conference is an international meeting whose goal is to bring together researchers, practitioners, and developers interested in the security of communication networks, in order to foster cooperation, facilitate exchange of ideas, and disseminate research results.

The conference received 67 submissions in a broad range of cryptography and security areas. The Program Committee has selected, among the many high-quality submissions, 30 technical papers for publication in these proceedings. The selection took into account quality, originality, and relevance to the conference's scope. In addition, this year we received a crypto-lyrics paper titled "Zero-Knowledge Made Easy So It Won't Make You Dizzy" that the Program Committee found to be of great quality and therefore decided to grant it a special slot in the proceedings. It is our hope that this can motivate more of these high-quality creative and entertaining types of submissions in the future.

The international Program Committee (PC) consisted of 32 members who are top experts in the conference fields. At least three PC members reviewed each submitted paper, while submissions co-authored by a PC member were subjected to the more stringent evaluation of four PC members. In addition to the PC members, many external reviewers joined the review process in their particular areas of expertise. We were fortunate to have this knowledgeable and energetic team of experts, and are deeply grateful to all of them for their hard and thorough work, which included a very active discussion phase. Special thanks to Jeremiah Blocki, Alessandra Scafuro, Susumu Kiyoshima, Dimitris Papadopoulos, Juan Garay, and Sanjam Garg, for their extra work as shepherds.

The program was further enriched by the invited talks of Aggelos Kiayias (University of Edinburgh, UK) and Rafael Pass (Cornell University and Cornell NYC Tech, USA).

SCN 2016 was organized in cooperation with the International Association for Cryptologic Research (IACR). The paper submission, review, and discussion processes were effectively and efficiently made possible by the IACR Web-Submission-and-Review software, written by Shai Halevi. Many thanks to Shai for his assistance with the system's various features and constant availability.

We thank all the authors who submitted papers to this conference, the Organizing Committee members, colleagues, and student helpers for their valuable time and effort, and all the conference attendees who made this event truly intellectually stimulating through their active participation.

We finally thank the Dipartimento di Informatica of the Università degli Studi di Salerno, InfoCert, and the Università degli Studi di Salerno for their financial support.

September 2016

Vassilis Zikas
Roberto De Prisco

Security and Cryptography for Networks

10th International Conference, SCN 2016, Amalfi, Italy,

August 31 – September 2, 2016, Proceedings

Zikas, V.; De Prisco, R. (Eds.)

2016, XIX, 606 p. 75 illus., Softcover

ISBN: 978-3-319-44617-2