

Preface

The NordSec conferences were started in 1996 with the aim of bringing together researchers and practitioners in the field of computer security in the Nordic countries, thereby establishing a forum for discussions and cooperation between universities, industry, and computer societies. Over the years, NordSec has developed into an international conference that takes place in the Nordic countries on a round-robin basis. It has also become a key meeting venue for Nordic university teachers and students with an interest in security research.

These proceedings contain the papers presented at NordSec 2016: the 21st Nordic Conference on Secure IT Systems held during November 2–4, 2016, in Oulu, Finland. The venue was the University of Oulu, co-located with the 10th International Crisis Management Workshop and Oulu Winter School.

Of the 49 total submissions received by the July 8 extended deadline, 43 met the requirements for peer review. After a brief manuscript bidding process, the review period spanned July 12 through August 10, during which the 29-member Program Committee along with 20 external reviewers produced a total of 151 reviews. With an average of 3.5 reviews per manuscript, this strong effort brought us quite close to our goal of four reviews per manuscript.

Based on the reviews and following a brief yet active discussion phase, we notified authors on August 15 that 16 manuscripts were accepted for presentation at NordSec 2016. Amongst these papers, five clear themes emerged: system security, network security, software security, cryptography, and authentication. Furthermore, the accepted papers suggest cyber-physical system security is currently an active academic research area.

We were honored to have three brilliant invited speakers: (1) Shay Gueron, University of Haifa, Israel, and Intel Corporation (Intel Development Center, Haifa, Israel); (2) Jan-Erik Ekberg (Trustonic); (3) Daniel Komaromy (Comsecuris).

As NordSec 2016 chairs, we extend our sincerest gratitude to everyone involved in making this year's instance a success, including but not limited to: the authors who submitted their hard work, the Program Committee and external reviewers, the invited speakers, Christian Wieser (Conference Ops), and our generous sponsors Ericsson and Intopalo.

September 2016

Billy Bob Brumley
Juha Rönning

Secure IT Systems

21st Nordic Conference, NordSec 2016, Oulu, Finland,

November 2-4, 2016. Proceedings

Brumley, B.B.; Röning, J. (Eds.)

2016, X, 269 p. 43 illus., Softcover

ISBN: 978-3-319-47559-2