

# Preface

This volume contains the papers presented at NordSec 2014: The 19th Nordic Conference on Secure IT Systems held during October 15–17, 2014 in Tromsø, Norway.

The NordSec conferences were started in 1996 with the aim of bringing together researchers and practitioners within computer security in the Nordic countries—thereby establishing a forum for discussions and cooperation between universities, industry, and computer societies. NordSec addresses a broad range of topics within IT security and privacy, with special emphasis on applied security that could encourage interchange and cooperation between the research community and the industrial/consumer community. In 2014, the conference had a special focus on “Security and Privacy for Cloud Computing and Big Data.”

NordSec 2014 received 42 submissions, which were reviewed by at least three members of the international Program Committee (PC). Based on discussions among the reviewers and other PC members, 15 papers were finally accepted for presentation at the NordSec and inclusion in this volume.

In addition to the main conference, the NordSec 2014 Poster Session that aims at facilitating discussions on research and cooperation between young Nordic researchers was coorganized by the Swedish IT Security Network for PhD students, SWITS, and the Norwegian Research School of Computer and Information Security, COINS. Short abstracts of 10 poster submissions were selected by the Poster Section Program Committee and are included in this volume.

Further highlights of NordSec 2014 are two invited keynote presentations by high-ranked IT-Security and Privacy experts: Dr. Siani Pearson (HP Labs), who presented “Accountability in Cloud Service Provision Ecosystems” and Prof. David Sands, who talked about “Differential Privacy: Now it’s Getting Personal.” The keynote paper by Dr. Siani Pearson is also included in this proceedings.

We would like to thank all authors, especially those who presented their work selected for the program. Moreover, we are very grateful to all PC members and additional reviewers, who contributed with thorough reviews and who actively participated in the PC discussions, ensuring a high quality of all accepted papers and posters.

We gratefully acknowledge the special contributions of the General Conference Chair, Ragnar Soleng (University of Tromsø, Norway), who has very professionally helped with all local arrangements. Finally, we warmly thank the University of Tromsø (UiT), The Arctic University of Norway, which generously sponsored NordSec 2014.

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