

Preface NISK 2017

Welcome to NISK 2017 – the 10th Norwegian Information Security Conference. NISK by now has become an essential co-arrangement of the conferences NIKT, the Norwegian ICT Conference, which takes place in Oslo this year during 27 – 29 November 2017 at the Grand Hotel Oslo.

It is a great honor for us to receive year to year more and more valuable submissions from both national and international institutions. This year we received 19 papers. To ensure the high professional level of NISK each submission had at least three Program Committee members who reviewed it. Based on the strict evaluations, 10 papers were selected for presentation and publication in this proceedings for NISK 2017.

The accepted papers were presented in 3 sections:

- Security Management
- Cryptography
- Forensics and Biometrics

Herewith we would like to thank all members of the Program Committee for their efforts, valuable comments and detailed reviews of submitted papers.

As usual we have a tutorial section that is held by Martin Gilje Jaatun who is Senior Research Scientist at SINTEF ICT. The topic of the tutorial this year is: Secure System Development.

The NISK 2017 keynote talk is given by Martin Eian who is Senior Security Analyst at Mnemonic AS. The keynote talk is on Cyber Threat Intelligence this year that is highly relevant due to the increasing number of threats in the cyberspace.

We are also grateful for the panel discussion on *Security by Design; What, Why and How?* by the panel members Lillian Røstad (Sopra Steria/NTNU), Martin Gilje Jaatun (SINTEF), Espen Johansen (Visma), Laszlo Erdödi (UiO) and Andreas Hegna (Storebrand).

Last but not least we are grateful for the generous support from our sponsor which has made possible the organization of NISK 2017. The sponsor for the conference is the COINS Research School of Computer and Information Security.

Laszlo Erdödi
Program Committee Chair, NISK 2017

Audun Jøsang
Chair, NISK 2017

November 2017

Program Committee of NISK 2017

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Colin Boyd, Norwegian University of Science and Technology (NTNU)

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Martin Eian, Mnemonic AS

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Stephan D. Wolthusen, Norwegian University of Science and Technology (NTNU)

Øyvind Ytrehus, University of Bergen (UiB)

Jon Ølnes, UniBridge AS

Bio, tutorial speaker Martin Gilje Jaatun

Dr. Martin Gilje Jaatun is a Senior Scientist at SINTEF Digital and an Adjunct Professor at the University of Stavanger. He graduated from the Norwegian Institute of Technology (NTH) in 1992, and received the Dr.Philos. degree from the University of Stavanger in 2015. Previous positions include scientist at the Norwegian Defence Research Establishment (FFI), and Senior Lecturer in information security at the Bodø Graduate School of Business. His research interests include software security, security in cloud computing, and security of critical information infrastructures. He is vice chairman of the Cloud Computing Association (cloudcom.org), vice chair of IEEE TCCLD, and a Senior Member of the IEEE. He is also an IEEE Cybersecurity ambassador, and Editor-in-Chief of the International Journal of Secure Software Engineering.

Bio, keynote speaker Martin Eian

Dr. Martin Eian works as a Senior Security Analyst in mnemonic's Threat Intelligence group, and he is the Project Manager for the research projects "Semi-Automated Cyber Threat Intelligence (ACT)" and "Threat Ontologies for CyberSecurity Analytics (TOCSA)". He has more than 15 years of work experience in IT security, IT operations, and information security research roles. In addition to his position at mnemonic, he is a member of the Europol EC3 Advisory Group on Internet Security. He holds a PhD in Telematics/Information Security from NTNU, and he has previously worked as an Adjunct Associate Professor at the Department of Telematics, NTNU.