NISK 2019; Proceedings of the 12th Norwegian Information Security Conference

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This is the published proceedings of the papers presented at NISK 2019; the 12th Norwegian Information Security Conference 2019 held on November 25-27 in Narvik, Norway.

The aim of the NISK conference series is to be the principal Norwegian research venue for presenting and discussing developments in the field of ICT security and privacy, and bringing together people from universities, industry, and public authorities. We invite both national and international contributions by researchers, practitioners, and PhD- and Master thesis students presenting new problems and solutions within topics on ICT security. All papers must be original and not simultaneously submitted to another conference or journal. This year all submitted articles are in English, but Norwegian articles are also welcome. The copyright to the papers are not transferred to NISK with this publication, but remains with the authors.

The program committee include 21 experts covering the broad field of information security. PC members are recruited from universities, research institutes, industries, and public organizations. The main load of review work took place in the September 2019. The review process was performed in a timely manner thanks to the very good responsiveness of the committee members. We used the Easychair web-based system for the submission, review, and selection process.

The call for papers was published in June, and we received by end of August in total 12 submissions authored by altogether 37 researchers. Three double blind reviews were done for each regular research paper, whereas short papers received two independent reviews, also double blind. The program chairs accepted 6 of the submissions as regular research papers. All of these 6 contributions are scheduled for presentations at the two day conference program, in two topical sessions, Security Analysis, Biometrics and Forensics.

The NISK keynote theme for this year was by Professor Audun Jøsang, University of Oslo. The title of his talk is:

 Hvorfor og hvordan digital sikkerhet skal integreres i utdanningen.

Many thanks to Arne Lakså and Knut Collin UiT The Norwegian Arctic University, campus Narvik for an excellent organization of all practical arrangements for the multi-conference NIKT.

November, 2019

Ragnar Soleng