

A Reflection Report for Norwegian Information Security Conference

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Norwegian Information Security Conference was organized by university of Oslo, in Longyearbyen, Norway in September 2018. I got funding from COINS research school to this conference. Full program of the conference can be downloaded from the webpage of the program¹.

In first day, we attended to COINS PhD student seminar which consist of four presentations by graduated COINS PhDs and six presentations by current COINS PhDs. I was interested in the following presentation:

- "Mission Impossible" or "Roadside Picnic by Andrii Shalaginov
- There is always light at the end of the tunnel by Bo Sun
- Fake Face Detection: A Biometric Approach by Ali Khodabakhsh
- Cyber Risk Quantification for Business and Economic Gain by Mazaher Kianpour
- Language-based mechanisms for GDPR compliance by Shukun Tokas

In second day, Norwegian Information Security Conference started. There were two sessions: Crypto-primitive, Crypto-protocol and security analysis. I was interested to first session particularly following presentations:

- A Successful Subfield Lattice Attack on a Fully Homomorphic Encryption Scheme by Martha Norberg Hovd
- Improving the generalized correlation attack against stream ciphers by using bit by Slobodan Petrovic

In last day, the conference continued by two different sessions: biometrics and Malware. I was interested to following presentations:

- Towards Fingerprint Presentation Attack Detection Based on Short Wave Infrared Imaging and Spectral Signatures, by Marta Gomez-Barrero, Jascha Kolberg, and Christoph Busch.
- Fake chatroom profile detection, by Patrick Bours, Parisa Rezaee Borj, and Guoqiang Li,.

¹ http://nikt2018.ifi.uio.no/program_overview_en.html

All in all, I think COINS PhD student seminar was really interesting for me this year. Particularly, the presentations given by graduated PhDs gave me good insights on what should consider more during my Ph.D. Also, I knew that what Ph.D can do after graduation.

I am deeply grateful for COINS supporting me to attend to Norwegian Information Security Conference.

