COINS Ph.D. Student Seminar and Norwegian Information Security Conference (NISK) 2018

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I have received funding from COINS research school to attend COINS Ph.D. student seminar, which is organized along with the Norwegian Information Security Conference (NISK), 2018 in Svalbard during the period September 18-20, 2018. COINS Ph.D. student seminar has brought many of the Ph.D. students, researchers, and supervisors, where as the NISK has attracted security experts from industry and government apart from researchers in academia. It was a good opportunity for PhD students to meet researchers from the same working domain from academia and industry in Norway.

COINS Ph.D. Student Seminar

COINS Ph.D. student seminar is attended many Ph.D. students from various universities across Norway along with some of the supervisors. Ph.D. seminar this year (2008) has brought many benefits for the Ph.D. students who has attended. As many of the speakers are previous COINS members, they have talked about the various aspects related to Ph.D., life after Ph.D. and what can be doing. They have shared their real life experiences with the everyone who has attended the student seminar.

- COINS workshop was organized on Sepetember 18 from 13:00, it started with an introduction of Hanno Langweg, followed by everyone who has attended the seminar.

- Chris Carr, Andrii Shalaginov, and Bo Sun are some of the previous COINS members, who have defended their Ph.D. this year, has presented their struggle or lessons learned during the Ph.D.

- Some of the current COINS members, who are still pursuing their Ph.D. have presented their research topics related IoT security, Face detection, GDPR compliance, Cyber risk, and Cyber security.

- Berglind Smaradottir and Bikash Agrawal were also previous COINS members, who has talked about life after Ph.D.. Regarding how to fins job after completing Ph.D. or how to start a startup and the struggle involved at the various steps while taking important decisions in startup life.

- Following the presentations, we have voted to select two COINS student representatives. With that COINS Ph.D. seminar was officially completed with social gathering and discussion with other Ph.D. students at the hotel.

NISK 2018

Norwegian Information Security Conference (NISK) is part of NIKT (Norwegian ICT Conference for Research and Education) along with Norwegian Informatics Conference (NIK), Norwegian Conference for Organizations Use of IT (NOKO-BIT), and Norwegian Conference for Education and Didactics in IT subjects (UDIT). NIKT is organized by the University of Oslo (UiO). This year 2018, NIKT is organized at Longyearbyen, Svalbard covering various aspects related to Norwegian academic conferences in various domains of ICT, computer science, information sciences, and information systems during September 19-20, 2018.

- Conference on September 19 began by Ellen Munthe-Kass, Head of the department UiO followed by a keynote speech by Prof. Barbara Wasson regarding the role of education using learning analytics.

- There were two papers presented in Crypto Primitives, related to Fully Homomorphic Encryption and Stream Ciphers. Both of these presentations included various concepts related to attacks based lattice and correlation.

- Afternoon, we had keynote speech from Elise K Lindeberg regarding the Innovation, Digitalization and Communication.

- After the keynote, we had several papers related to Crypto Protocols and Security Analysis. These papers gave shared knowledge on Personal Password Repository, Fake Chatroom Profile Detection, blockchain, threat models with security economics, and anonymity and privacy. Some of these papers were also presented in poster section at the conference.

- After the conference, that day evening we had conference dinner and social gathering.

- September 20, presentations started with the keynote from Lars Knoll about: the development for long term and lessons he has learned in 20 years at their organization.

- Followed by some presentation in Biometrics related to face and finger recognition systems.

- Last session has papers related malware. Authors have mainly talked about fighting ransomware, cross site scripting, and open source search engine with respect to digital forensic search.

Poster presentations

Short papers in the conference were displayed as poster and we had constructive discussion with the authors at some of the posters and learned more about their research. It was good opportunity to interact and discuss with the authors and know about their on going research work.

Summary

Overall the various sessions at NISK has given broad perspective in various research concepts and direction in information security. Interaction with researchers, networking, and discussion with other Ph.D. students has definitely boosted my confidence. I thank COINS for travel support to attend student seminar and NISK 2018.