

Workshop on Privacy Preserving Information Technologies: New opportunities for digitally enabled SG-EU research collaboration



Date: 10 –11 December 2018
Time: 08.00 a.m. to 17.30 p.m.



Registration: [Google Docs](#)



Location: Infuse Theater, 1, Fusionopolis Way, Level 14, Connexis (South Tower) Singapore 138632



Cost: Participation is free of charge

Description

Europe's decision to improve privacy protection for its citizens has created renewed interest in technologies for ensuring privacy not just in the EU, but worldwide.

This conference aims to discuss new directions in privacy-preserving technologies. It brings together researchers from Europe and Singapore to discuss recent trends and possible new directions for research and innovative applications.

Audience

- Researchers in privacy preserving technologies
- ICT researchers interested in international cooperation
- stakeholders interested in furthering Singapore's research cooperation with the European Union
- Research policy makers and agencies interested in international research cooperation

Speakers

- Prof. Nigel SMART, Katholieke Universiteit Leuven (Belgium)
- Dr. Juan Ramón TRONCOSO-PASTORIZA, École Polytechnique Fédérale de Lausanne (Switzerland)
- Dr. Edgar WEIPPL, SBA Research (Austria)
- A/ Prof. Huaxiong WANG, NTU (Singapore)
- A/ Prof. Xiaokui XIAO, NUS (Singapore)
- Asst. Prof. Reza SHOKRI, NUS (Singapore)

Coordinators

- Tan Chee Seng, I2R
- Erich Prem, eutema

Day 1 – 10 December 2018 (*Invited Talks)

- 08:30 – 09:20 Registration
- 09:20 – 09:30 Opening remarks
- 09:30 – 10:15 “Computing on Encrypted Data: How to do the impossible” (**Nigel SMART**)
- 10:15 – 11:00 Cryptographic technologies for privacy preserving and data security” (**Huaxiong WANG**)
- 11:00 – 11:30 Coffee break
- 11:30 – 12:15 “Data privacy in the age of machine learning” (**Reza SHOKRI**)
- 12:15 – 13:45 Lunch
- 13:45 – 14:30 “Responding to the Security and Privacy Challenges Raised by Medicine” (**Juan Ramón TRONCOSO-PASTORIZA**)
- 14:30 – 15:15 “Privacy Risks in Data Sharing: Past Lessons and Countermeasures” (**Xiaokui XIAO**)
- 15:15 – 15:45 Coffee break
- 15:45 – 16:30 Privacy Preserving Technologies: Future Research & Challenges for Law Enforcement” (**Edgar WEIPPL**)
- 16:30 – 17:30 Networking

***Each talk is given a 30 minutes presentation and another 15 minutes for discussion.**

Day 2 – 11 December 2018 (Deep-Dive Sessions)

On day 2, two deep-dive sessions would be held to facilitate interactive discussions between EU and Singapore researchers. The objectives of these discussions are to explore potential collaboration opportunities of mutual interest in the field of data privacy and security.

- 09:00 – 11:15 Deep-Dive Session 1 (10.30am coffee break)
- 11.15 – 12.00 “Homomorphic Encryption meets Deep Learning” (**Mi Mi Aung KHIN**)
- 12.00 – 13.00 Lunch
- 13.00 – 16.00 Deep-Dive Session 2 (2.30pm coffee break)
- 16.00 – 17.00 Closing remarks and networking



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