

# 3<sup>rd</sup> Singapore Cybersecurity R&D Conference 2018 (SG-CRC'18)

## Cybersecurity for Smart Nation: Intelligent Transport Systems

**28 - 29 March, 2018**

Nanyang Executive Center, 60 Nanyang View,  
Nanyang Technological University



### Overview:

The conference SGCRC'18 will focus on the translation of cybersecurity research and development outcomes for the benefit of industry and government agencies. The conference will bring together players from industry, academia and government agencies to highlight the relevance and synergies of the research outcomes from the strategic research projects funded by NRF to propel Singapore's Cybersecurity Strategy. The main theme of this exciting 2-day event is to emphasize on the significance of NRF funded cybersecurity R&D efforts in Singapore to Intelligent Transport Systems (ITS), as Singapore march forward towards a nation that is not only *smart* but also *secure*.

Leading researchers from the projects funded under Singapore's Cybersecurity Strategy will share their research outcomes from the perspective how IP generated for the purpose of stimulating innovation lead towards transforming Singapore as a cyber-secure Smart Nation. Invited talks and panel discussions involving experts from industry and relevant government agencies will help to ascertain the strong relevance as well as to identify gaps that must be plugged. Both academia and industry partners will be encouraged to showcase and demonstrate through functional prototypes of their solutions and innovative concepts.

The program will open with an honorary speaker highlighting the Singapore government position to strengthen cybersecurity capabilities to realize disruptive solutions for a sustainable Smart Nation. The schedule will consist of high profile local and international speakers in the cybersecurity domain. The first day will draw particular attention to cyber-secure core technologies for smart cities, not limited to Intelligent Transport Systems that must incorporate highly interconnected systems such as Autonomous Vehicles and the Internet of Things that are integral to a critical infrastructure. The second day will feature appropriate technologies for detecting and eliminating vulnerabilities that scale to real-world systems. It is hoped that the conference will serve as a platform to identify new opportunities in the presence of cross-sector mobility of expertise in the cybersecurity domain.

REGISTRATION IS FREE

For organizations wishing hire a booth, a fee will be charged.

**Please register online:**

[securify.scse.ntu.edu.sg/SGCRC2018/](http://securify.scse.ntu.edu.sg/SGCRC2018/)

**NATIONAL RESEARCH FOUNDATION**  
**PRIME MINISTER'S OFFICE**  
**SINGAPORE**

*Welcome Address, 9:00, 28 March*

**Prof Timothy John White**, Associate Vice President, *Nanyang Technological University*

## Guest of Honour

**Jacqueline Poh**, Chief Executive, *Government Technology Agency (GovTech)*

Jacqueline Poh is the founding CEO of the Government Technology Agency of Singapore. With key competencies in infocomm technology and related engineering, GovTech's mission is to empower a nation of possibilities through technology. Jacqueline Poh and her team partners a wide range of government agencies to deploy digital, data science, IoT and other technologies to deliver public impact, as well as to ensure the resiliency and cybersecurity needs of government systems. She plays a leading role in the Government's Smart Nation and Digital Government initiatives.



## Keynote speakers

**Prof. Yuval Elovici**, Ben-Gurion University, Israel

*Security on IoT: IP Cameras*

date and time: 9:20, 28 March

Prof. Elovici is professor at the Department of Information Systems Engineering and director of Deutsche Telekom Laboratories at Ben-Gurion University of the Negev. In Singapore, he directs the iTrust Research Center at Singapore University of Technology and Design. His professional activities include membership of a national advisory committee in the area of cybersecurity R&D to the Israeli government. His research encompasses aspects of computer and network security, not limited to social issues, including privacy and anonymity in the electronic society, and social network security.



**Prof. XiaoFeng Wang**, Indiana University, US

*System Security Research: From Discovery to Innovation*

date and time: 9:00, 29 March

XiaoFeng Wang is a James H. Rudy Professor of Computer Science and Engineering at Indiana University Bloomington. His research focuses on system security and data privacy with a specialization on security and privacy issues in mobile and cloud computing, and privacy issues in dissemination and computation of human genomic data. His research on security analysis of OS X and iOS frequently receives attention from the mainstream media.



**Ralf Huuck**, Synopsys, Australia

*Building Systems Fast: When Security meets Reality*

date and time: 13:30, 29 March

Dr Ralf Huuck is a technical director with Synopsys' Software Integrity Group driving next-generation technology for practical and actionable software security and compliance tools. He advocates automation and applicability by non-experts for scaling to everyday production demands. Prior to joining Synopsys, Ralf served as the CEO with security solution company Goanna Software and as Principle Researcher with R&D lab NICTA. He is an Adjunct Associate Professor in Computer Science with UNSW, Australia.

