
Sunday, 24 September 2017 14:30-17:00 Governor General

W7: Second International Workshop on Vehicular Security (V-SEC 2017)

The Second International Workshop on Vehicular Security (V-SEC 2017) will bring together members of the vehicular security community (industry, government, academia) at the 86th IEEE Vehicular Technology Conference. At this second instalment of this workshop series, the latest research findings in this emerging area will be shared and new research opportunities will be identified through the exchange of ideas among the IEEE attendees. The half day V-SEC 2017 workshop will include a tutorial presentation of this emerging area and a series of technical presentations concluding with a panel discussion. Topics include: secure vehicular communications, vehicular networking security, vehicular hardware security, privacy and data protection issues in vehicular settings, security of open vehicle application platforms, vehicle cyber intrusion detection systems and incident response, vehicular sensor security, spectrum sensing data falsification and countermeasures, vehicular privacy.

General Chairs:

Joseph Chapman, The MITRE Corporation, USA

Perry Engle, The MITRE Corporation, USA

Rich Pietravallo, The MITRE Corporation, USA

Alexander M. Wyglinski, Worcester Polytechnic Institute, USA

Program

Sunday, 24 September 2017 14:00-15:30 Governor General

Keynotes

1 Security and Privacy Challenges in Automobile Systems

Sandip Kundu, US National Science Foundation

2 Global scale deployment of Trust and Privacy management based on open standards for Cooperative Intelligent Transport Systems (C-ITS)

Brigitte Lonc, Renault

Sunday, 24 June 2017 16:00-16:40 Governor General

Vehicular Security and Privacy

1 Introducing Differential Privacy to the Automotive Domain: Opportunities and Challenges

Boel Nelson, Chalmers University of Technology, Tomas Olovsson, Chalmers University of Technology

2 SyNORM: Symmetric Non Repudiated Message Authentication in Vehicular Ad hoc Networks

Farshad Rahimi Asl, McMaster University, Reza Samavi, McMaster University

Sunday, 24 September 2017 16:40-17:30 Governor General

Panel

A Connected, Autonomous Automotive Future and Vehicular Cyber Security

Moderator: Rich Pietravallo, The MITRE Corporation