

First Intl. Workshop on Safety, securiTy, and pRivacy In automotiVe systEms
STRIVE 2018
co-located with SAFECOMP 2018
September 18th, 2018, VÄSTERÅS, SWEDEN
<http://www.iit.cnr.it/strive2018>

Programme

08:00-09:00 Registration Desk

09:15-09:30 Opening

09:30-10:30 Keynote: Mathias Johanson. Connected vehicles: challenges and opportunities.

10:30-11:00 Coffee Break

11:00-12:30 Session 1. In-vehicle Security

- Daisuke Souma, Akira Mori, Hideki Yamamoto and Yoichi Hata. Counter Attacks for Bus-off Attacks.
- Tudor Sebastian Andreica, Bogdan Groza and Pal-Stefan Murvay. Applications of pairing-based cryptography on automotive-grade microcontrollers.
- Giampaolo Bella and Pietro Biondi. Towards an Integrated Penetration Testing Environment for the CAN Protocol.

12:30-14:00 Lunch

14:00-15:30 Session 2. Security in Vehicular Infrastructure

- C.B.S.T. Molina, L.F. Vismari, T.Y. Fujii, J.B. Camargo Jr, J.R. de Almeida Jr, Rafia Inam, Elena Fersman, A. Hata and M.V. Marquezini. Enhancing sensor capabilities of open-source simulation tools to support autonomous vehicles safety validation.
- Alexandru Serban, Erik Poll and Joost Visser. A security analysis of the ETSI ITS vehicular communications.
- Fabio Martinelli, Francesco Mercaldo, Vittoria Nardone, Antonella Santone and Gigliola Vaglini. Real-Time Driver Behaviour Characterization through Rule-based Machine Learning.

15:30-16:00 Coffee Break

16:00 End of the Workshop