

STRIVE 2018

The 1st International Workshop on Safety, securiTy, and pRivacy In automotiVe systEms

Gianpiero Costantino

Ilaria Matteucci



VÄSTERÅS, SWEDEN

18th of September

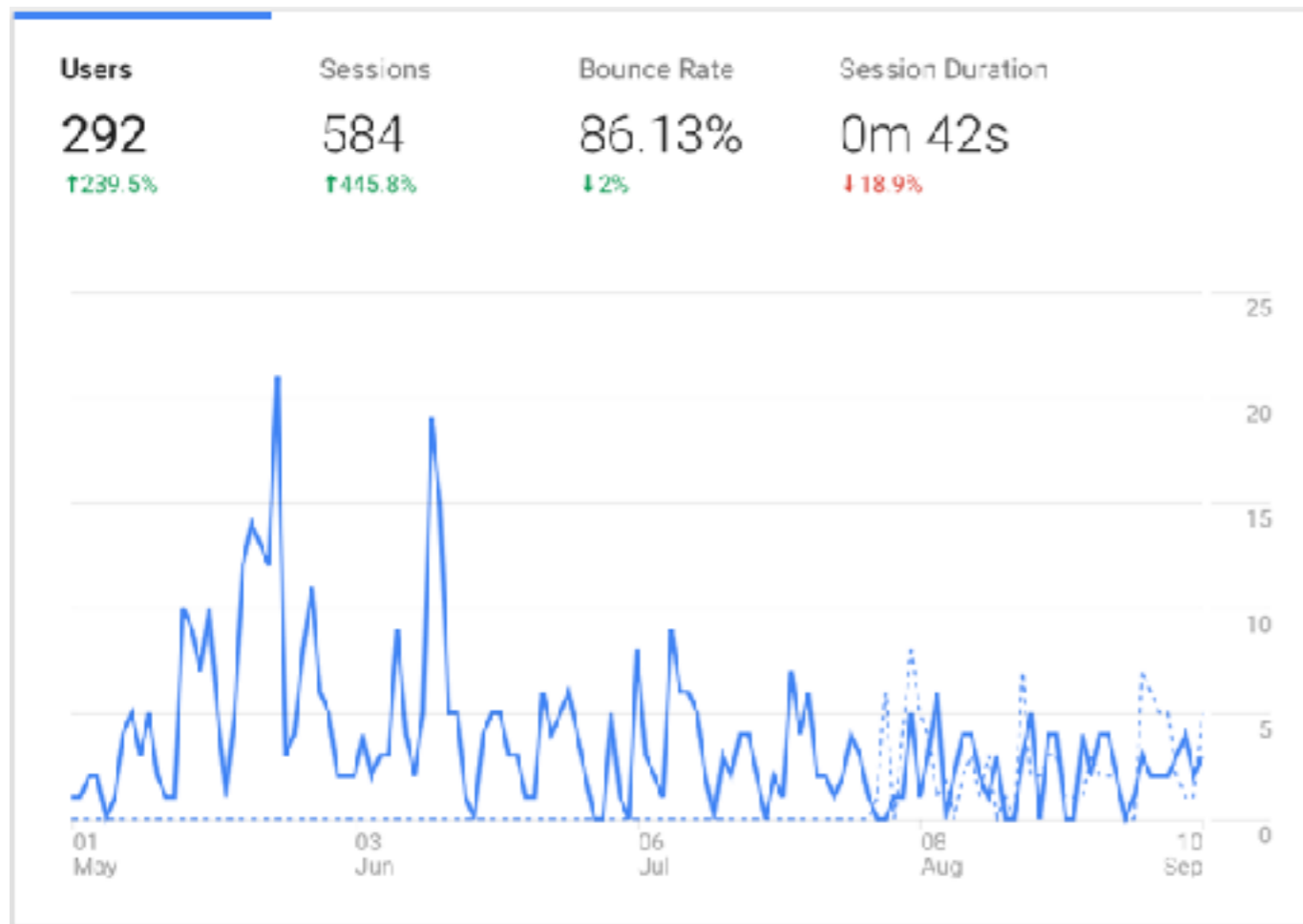
...some data about the workshop

Received paper: 9

Accepted paper: 6

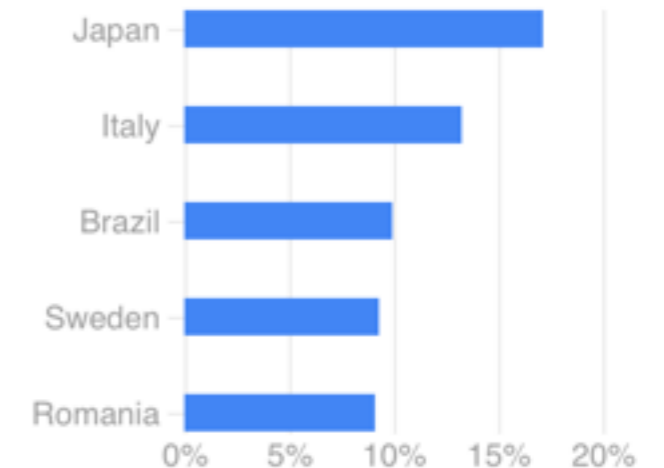
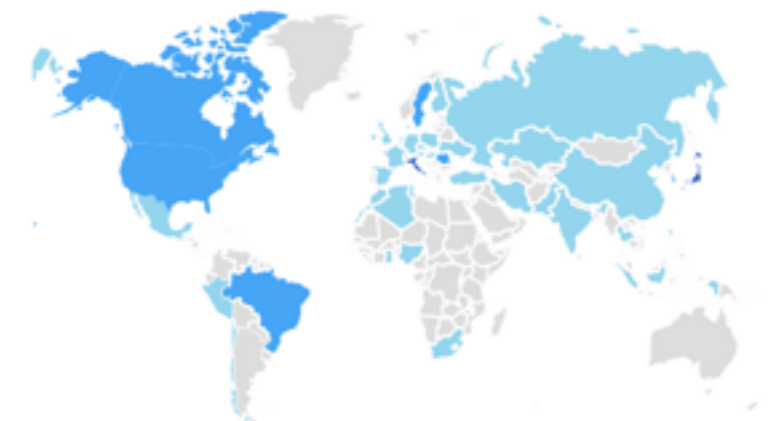
Acceptance rate: 67%

Web Page Analytics



Connections:

1st of May 2018 - 10th of Sept. 2018



Program

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 (Chair: Gianpiero Costantino)

- 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 (Chair: Ilaria Matteucci)

- 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

Next steps

Post proceedings publications in LNCS volume dedicated to SAFECOMP Workshop



Next STRIVE edition will be communicated on <https://www.iit.cnr.it/strive2018/>



Keynote Speaker: Mathias Johanson



Connected vehicles: challenges and opportunities.

