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

Scope: The introduction of ICT systems into vehicles make them more prone to cyber-security attacks. Such attacks may impact on vehicles capability and, consequently, on the safety of drivers, passengers. The strong integration among dedicated ICT devices, the physical environment, and the networking infrastructure, leads to consider modern vehicles as Cyber-Physical Systems (CPS).

This workshop aims at providing a forum for researchers and engineers in academia and industry to foster an exchange of research results, experiences, and products in the automotive domain from both a theoretical and practical perspective. Its ultimate goal is to envision new trends and ideas about aspects of designing, implementing, and evaluating innovative solutions for CPS with a particular focus on the new generation of vehicles. Indeed, the automotive domain presents several challenges in the fields of vehicular network, Internet of Things, Privacy, as well as Safety and Security methods and approaches. The workshop aims at presenting the advancement on the state of art in these fields and spreading their adoption in several scenarios involving main stockholders of the automotive domain.

The list of relevant **topics** includes (may be not limited to):
- Architecture, design, and implementation of safe and secure Cyber-Physical Systems;
- Automated Vehicular Technologies;
- Vehicular Communications and Networks;
- In-Vehicle communication protocols;
- User-to-Vehicle interactions and communications;
- Software Process Development in Automotive systems;
- Security threats and vulnerabilities of Cyber-Physical Systems;
- Safety and Security Trade-off and Convergences;
- Cooperative/collaborative vehicular systems;
- Cyber-security solutions for connected and autonomous vehicles;
- Privacy of vehicular data;
- Driver behaviour characterization;
- Standardization and Interoperability.

Welcome **domains** of application are (may be not limited to):
- Automotive;
- Vehicular Network;
- Internet of Things;
- Cyber-Physical Systems;
- Smart cities and Smart environment.

Important dates
Submission deadline: 22nd, May 2018
Notification of authors: 4th, June 2018
Camera-ready copy due: 18th, June 2018
Workshop: 18th, September 2018

Submissions and Publication
Submitted papers must be written in English and must contain results that have not previously published nor concurrently submitted to a journal or conference with published proceedings. Submissions, as pdf files, are limited to 12 pages. They must be formatted according to Springer LNCS authors instructions. The selection of accepted contributions will be based on peer-review by the PC. Each accepted paper will be published in the LNCS format jointly with the SAFECOMP 2018
workshop proceedings and it must be presented at the workshop by one of its authors.

Workshop Chairs
Gianpiero Costantino, IIT-CNR, Italy
Ilaria Matteucci, IIT-CNR, Italy

Programme Committee
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