



Third Intl. Workshop on Safety, securiTy, and pRivacy In automotiVe systEms  
STRIVE 2020  
co-located with VTC 2020  
<http://www.iit.cnr.it/strive2020>

**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;
- Offensive and Defensive Cybersecurity Strategies;
- 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;
- Embedded Systems;
- Cyber-Physical Systems;
- Smart cities and Smart environment.

### **Important dates**

Submission deadline: **15<sup>th</sup>, January 2020**

Notification of authors: 15th, February 2020

Camera-ready copy due: 1th, March 2020

### **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 5 pages. They must be formatted according to IEEE authors instructions. The selection of accepted contributions will be based on peer-review by the PC.

Papers must be submitted electronically through Trackchair at the following link

<https://vtc2020s-rr-wks.trackchair.com/track/1862>

### **Workshop Chairs**

Gianpiero Costantino, IIT-CNR, Italy

Ilaria Matteucci, IIT-CNR, Italy

### **Programme Committee**

Giampaolo Bella, Univesity of Catania, Italy

Silvia Bonomi, University of Rome "La Sapienza", Italy

Jeremy Bryans, Coventry University, UK

Francesco Di Cerbo, SAP, France

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