

Call for Papers for the first International Workshop on research advances in Cooperative ITS cyber security and privacy (C-ITSec)

In conjunction with the VTC Spring 2018 (<http://ieeevtc.org/vtc2018spring/>)

June 3, 2018, Porto, Portugal

GENERAL DESCRIPTION

Security and privacy are attractive research topics in the field of Cooperative Intelligent Transportation Systems (C-ITS). Recent attacks on security and privacy, which disrupt the C-ITS, create several challenges that have to be addressed by the research community. Example of these challenges are robust misbehavior detection and reporting, lightweight and agile security schemes, robust cryptographic algorithms, etc. At the standardization level, many efforts have been also made to speed up the deployment of security and privacy architectures and solutions.

C-ITSec will provide an international technical forum for discussing and presenting recent research results on any aspects of cyber security defense techniques, recent C-ITS attacks and latest Enhancing Privacy Technologies for C-ITS. It aims at bringing together experts from industry and academia to share ideas and present research results on challenging issues related to cyber security and privacy in vehicular communication. Papers may present theories, techniques, applications, or practical experiences related to that.

TOPICS of INTEREST

Topics of interest for this workshop include, but are not limited to:

- C-ITS security architectures
- Privacy-Enhancing Technologies
- Misbehavior detection and reporting
- Security in vehicular 4G/5G networks
- Machine learning and data mining for Intrusion Detection Systems
- Authentication, authorization and accounting
- Tradeoff safety, privacy and security
- Security testbeds and experimentations
- Security performance evaluations
- Security and privacy in autonomous driving
- Confidentiality in lightweight security services
- Crypto-agility for C-ITS
- Cyber-attacks modeling
- Key management schemes
- Secured Update-Over-The-Air
- Performance of the security management system
- Quantum safe cryptography
- Security evaluation schemes and compliance assessment

SUBMISSION INSTRUCTIONS

It is required that the papers follow the IEEE conference template:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submitted paper must be original and unpublished papers with no longer than 5 pages. An author can purchase up to two additional pages for a maximum allowed length of 7 pages. The direct link for paper submission is:

<https://vtc2018s-rr-wks.trackchair.com>

All accepted papers of VTC Spring will be included in the proceedings to be submitted for publication in IEEE Xplore.

Please follow the following link for extended instructions:

IMPORTANT DATES

Paper Submission: **December 22, 2017**

Paper Acceptance Notification: February 2, 2018

Camera ready: February 28, 2018

Presentation: June 3, 2018

ORGANIZING COMMITTEE

Workshop organizers

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