Special issue on Security and Privacy in Smart Cyber-physical Systems- Computers & Security, Elsevier

Computers & Security welcomes submissions to the special issue on Security and Privacy in Smart Cyber-physical Systems

Overview:
Smart Cyber-physical systems such as smart vehicles, smart grid, smart healthcare systems, and smart homes collect data from their environment and communicating systems and use the knowledge they derive from the data and/or the raw data to adjust their behaviors. The impacts of attacks on these systems combined with the frequent identification of new vulnerability types and the non-determinism of the behaviors of these systems make them high target to malicious intents. In addition, the devices collect extensive amount of private data that could be used for purposes other than the ones expected by their owners.

The objective of this special issue is to collect and report on recent high-quality research that addresses different problems related to the security and privacy in cyber-physical systems. High quality contributions addressing related theoretical and practical aspects are expected.

Potential topics include but are not limited to:
- Security protocols for smart cyber-physical systems
- Secure data analytics for smart cyber-physical systems
- Intrusion detection and resiliency for cyber-physical systems
- Secure development of cyber-physical systems
- Privacy-enhanced technologies for smart cyber-physical systems
- The relation of security and safety for smart cyber-physical systems

Paper Solicitation:
The special issue is open to all the researchers, developers and industry experts who wish to contribute by submitting a relevant research manuscript.

Instructions for Authors:
The submission must not be under consideration for publication elsewhere. Extended conference papers will only be considered if the paper is substantially extended with at least 30% new and original contributions. The new contributions must be clearly stated in the cover letter when the paper is submitted.

All the papers will be peer-reviewed following the COSE reviewing procedures. Authors should select "VSI: smart CPS" when they reach the "Article Type" step in the submission process.

Important Dates:
- Submission deadline: 30 November 2018
- Authors’ notification: 31 January 2019
- Revisions due: 30 April 2019
- Final decision: 30 June 2019
- Camera ready version due: 30 September 2019
- Tentative publication date: Late 2019

Guest Editors:
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