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IEEE Vehicular Technology Magazine Special Issue on Vehicular Security and Privacy

Given the increasing level of digitization of automotive transportation systems, new opportunities to enable greater functionality and capabilities to vehicular platforms are emerging, including the enhancement of driver safety and supporting semi- and fully-autonomous driving. Furthermore, in recent years there has been a significant effort to connect these vehicles with each other and nearby information infrastructure. Nevertheless, there exist numerous technical challenges in order to make these vehicular systems reliable and safe, especially when it comes to security and privacy. Specifically, with vehicular systems becoming increasingly dependent on digital hardware, electronic sensors, and wireless/wired connectivity within the vehicle as well as with other vehicles and nearby information infrastructure, the demand to secure these systems is becoming vitally important.

The objective of this special issue is to present the latest insights, results/findings, and perspectives on the emerging and increasingly important area of vehicular security and privacy. Vehicular security and privacy researchers from industry, government, and academia are encouraged to submit their latest research findings to this special issue. We are soliciting original contributions that have not been published and are not currently under consideration by any other journals. The topics of interest include, but are not limited to:

- Vehicular hardware security
- Privacy and data protection issues in vehicular settings
- Security of open vehicle application platforms
- Security of vehicular component protection solutions
- Vehicle cyber intrusion detection systems and incident response
- Vehicular sensor security
- Spectrum sensing data falsification and countermeasures
- Vehicular privacy

Submitted papers should contain state-of-the-art research material presented in a tutorial or survey style. Regarding the manuscript format, authors must follow the IEEE VT Magazine submission guidelines. Articles should be about 3,000 to 4,000 words long with 5—10 figures and 10—15 references. The use of mathematical equations should be limited to three. All papers should be submitted online using ScholarOne Manuscripts™: <http://mc.manuscriptcentral.com/vtm-ieee>

Important Dates

Submission Deadline: 1 January 2017
First Editorial Decision: 1 March 2017
Acceptance Notification: 15 July 2017
Final Manuscript Due: 15 August 2017
Publication: December 2017

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