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Technical Committee on:

“Intelligence and Security Information for Transportation Systems”
TC Report 2017



Chair:

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Co-Chair:

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Seton Hall University,

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Co-Chair:

Dr. Ahmad Salman (salmanaa@jmu.edu)

James Madison University,

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Introduction:

The Technical Committee on Intelligence and Security Information for Transportation Systems has just started its first new round with three new members: Dr. Samy El-Tawab as a chair (assistant professor at James Madison University), Dr. Puya Ghazizadeh as a co-chair (assistant professor at Seton Hall University) and Dr. Ahmad Salman as a co-chair (assistant professor at James Madison University). The three members are motivated to start the activities with a series of workshops, tutorials. In collaboration with James Madison University (Dr. Samy El-Tawab) with East Tennessee State University (Dr. M. Asad Hoque) both submitted a proposal to open a new Co-chapter for IEEE Intelligent Transportation Society. Despite the fact the exciting of an IEEE chapters in both schools. A more specific need for an IEEE ITS Chapter that will benefit the community and the activities that will be provided by this Technical committee too.

Organized Events and Activities

1. Conferences

Year	Conference name	Organizers & functions
		Despite the fact we don't have a new conference, but after taking with Dr. Daniel Zeng the ITS current president , we would like to support Intelligence and Security Informatics (ISI) conference which is an interdisciplinary research field involving academic researchers in information technologies, computer science, public policy, bioinformatics, medical informatics, and social and behavior studies; local, state, and federal law enforcement and intelligence experts; and information technology industry consultants and practitioners. ISI supports counterterrorism and homeland security's missions of anticipation, prevention, preparedness and response to security events, in physical, cyber, enterprise, and societal spaces. We plan to advertise for it through our technical workshops and sessions.

2. Workshops and Tutorials

Year	Workshop/tutorial title	At Conference	Organizers (TC members)	Participants (estimated #)
2018	Proposed Workshop: The First International Workshop on Intelligent Devices and Information Security for Transportation Systems	ITSC 2018, Maui, Hawaii,	Samy El-Tawab, Puya Ghazizadeh and Ahmad Salman	20

	(IDIS4TS 2018)			
2018	Proposed Tutorial: Training Session for “Security and Cyber Hygiene Best Practices for Intelligent Transportation”	ICVES 2018: IEEE International Conference on Vehicular Electronics and Safety	Samy El-Tawab, Puya Ghazizadeh and Ahmad Salman	15

3. Organized Sessions

Year	Invited/special technical session title	Conference Host	Organizers/ Moderator
2017	Autonomous Vehicles from Theory to Practice Nov 1 st , 2017	College of Integrated Science and Engineering Activity	James Madison University

4. Special Issues in Journals or Editor of Other Publications

Year	Title	Journal	Editor
2017	K. Evers, R. Oram, S. El-Tawab, M. H. Heydari and B. B. Park, "Security measurement on a cloud-based cyber-physical system used for Intelligent Transportation," 2017 IEEE International Conference on Vehicular Electronics and Safety (ICVES), Vienna, 2017, pp. 97-102.	2017 IEEE International Conference on Vehicular Electronics and Safety (ICVES)	ITS

5. Competitions

Year	Title	Object	Organizer
2018	<i>The 26th Annual Intelligent Ground Vehicles competition at Oakland University, Michigan June 2018</i>	Team of students will join the annual competition at Oakland University.	Oakland university, Rochester, Michigan

6. Other Activities

Beside opening a new Co-chapter for ITS between JMU and East Tennessee state university, we plan a series of talks in both school between both chapters to exchange ideas and research.

CALL FOR VOLUNTEERS:

Please, make a list of available positions for volunteers for the organization of the technical activities of this TC

This list will be expanded more with several researchers from industry and academia

- Dr. M. Hossain Heydari (Graduate Program Director of the InfoSec “Information Security” Master Program at James Madison University)
- Dr. Stephan Olariu (Old Dominion University, USA)
- Dr. Mohammad Almalag (Indiana University Kokomo, USA)
- Dr. Chris Bachmann (James Madison University, USA)
- Dr. Yehia Elkhatib (Lancaster University, UK)
- Dr. Marcin Rogawski (Cadence Design Systems, USA)
- Dr. Ekawat Homsirikamol (Cadence Design Systems, USA)
- Dr. Rajesh Velegalati (Riscure, USA)
- Dr. Ahmed Salem (Old Dominion University, USA)
- Dr. Mustafa Uddin (Bell Labs, USA)