

Call for Papers
The IEEE Workshop on IV test technologies
In Conjunction with IV'18, June 26 - June 30, 2018, Changshu, Jiangsu, China

• Content and List of Topics:

The development of high- performance mechatronic systems and information systems has made it possible to intelligent vehicles systems (IV). Intelligent vehicle includes environmental awareness, decision planning and control and other functions, its research involves a number of disciplines such as kinematics and dynamics, automatic control, sensor technology, pattern recognition and artificial intelligence. Intelligent vehicle has the obvious advantages to solve the difficult social problems such as traffic congestion, automobile safety and environmental protection and so on. But it also brings significant challenges. From the test viewpoints, the process is quite different from that of traditional vehicles. With the inclusion of more sophisticated electric systems, the IV producers have boosted the request of test criteria, which could be used in authentication progress of commercial IV. The interesting part of the workshop is covered on the different challenging and important practical aspects such as inter-vehicle sensor fusion test, vehicle level anechoic chamber test, field test and V2X communication test.

This workshop is dedicated to the stringent requirements, foundations and development of test technologies in intelligent vehicle systems, aiming to explore the potential for developing common approach to the valuation of IV. The topics of this workshop include, but not limited to, the following:

- Test of sensor fusion for ADAS
- Vehicle level EMC test
- Packet Latency and drop rate for V2X communication network in 5G and DSRC
- Field test for IV
- Conformance testing of vehicle intelligent system
- Measurement and Analysis of Electromagnetic Environment

Important Dates:

- Submission Deadline: February 15, 2018
- Notification of paper acceptance: March 31, 2018
- Final paper submission: April 08, 2018

Paper Submission

Prospective authors are required to submit their manuscripts electrically through the conference paper submission system (<https://its.papercept.net>) and with the code “5j6b2” for the workshop. Submitted papers shall not exceed six pages as a PDF file in IEEE two column formats. See more detailed information at the conference website (<http://www.2018iv.org/>) to prepare your paper.

General Chairs

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