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Special Session on

New Architectures and Design for Intelligent and Connected Transportation Systems

The purpose of this special session is to bring researchers and specialists from industry and academia to explore and discuss recent progress and challenges in ITS design and test.

Topics of interest include, but not limited to:

- Connected cars and infrastructure design, energy generation and saving.
- Artificial Intelligence (such as Machine and Deep Learning) systems for transportation and space applications: Hardware accelerators, GPU, Multi-cores, etc.
- New architectures, protocols and implementations for connected vehicles and infrastructures (V2X).
- Safety, Security and Reliability in ITS.
- Digital systems and circuits for smart cities and smart roads.
- Embedded Systems architecture & design for ITS: FPGA, GPU and heterogeneous systems ... etc
- Standards (AUTOSAR, ISO, EN, etc.) deployments
- Development methods for advanced driver assistance systems and autonomous driving.
- Applications in aeronautics area including space mission experiments, navigations, communication, safety ... etc.
- Digital systems and circuits for aeronautics and space applications.

Authors are invited to submit full-length (4 pages) papers, in IEEE format, using the guidelines in the authors' info. Special session papers must be submitted by e-mail in PDF format to the organizers of the session. Accepted papers will be published in the electronic Conference Proceedings (CD ROM) and will be submitted to IEEE Xplore®.

Special Session organizers:

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Important Dates:

- Research Paper Submission : **September 30, October 10, 2018**
- Notification of Acceptance: **October 7, October 30, 2018**
- Camera Ready Submission: **October 18, November 10, 2018**

