Call for Special Session Papers

**The 30th International Conference on Microelectronics**

**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 15, September 30, 2018
- **Notification of Acceptance**: October 7, 2018
- **Camera Ready Submission**: October 18, 2018