CALL FOR PAPERS

2018 ASME Dynamic Systems and Control Conference

Automotive and Transportation Systems Invited Sessions

October 1-3, 2018, Atlanta, GA, USA

(www.asme.org/events/dscc)

The Automotive and Transportation Systems (ATS) Technical Committee of the ASME Dynamic Systems and Control Division is organizing invited technical sessions at the 2018 Dynamic Systems and Control Conference.

Contributions may include modeling, simulation, design, optimization, estimation, diagnostics, and control methods with applications to various automotive and transportation systems, such as:

- Engine/Powertrain Systems
- Exhaust Emission Aftertreatment Systems
- Alternative Fuel / Advanced Combustion Modes
- Energy Conversion, Waste Heat Recovery
- Battery and Energy Storage Systems
- Vehicle Dynamics and Control
- Vehicle Electrification and Hybrid Propulsion
- Connected and Automated Vehicles
- Cyber-Physical Transportation Systems (CPTS)
- Automotive Sensing and Actuation
- Vehicle Active and Passive Safety Systems
- Driver-in-the-Loop and Driver Assistance
- Single and Multi-Vehicle Planning and Coordination
- Diagnostics and Prognostics of Automotive Systems

You are cordially invited to submit a draft paper or extended summary (providing sufficient details to allow peer review of the results) by March 27, 2018 to DSC-ATS-Sessions@asu.edu. Preference will be given to more completed papers. This submission should:

- be in pdf format,
- indicate the corresponding author and contact information.

The draft submissions are used to develop the sessions and the corresponding authors will be informed if their papers are included in an invited session one week prior to the draft submission date. The regular submission of your paper is completed by you through the conference website. Please note the following timeline:

- Submit draft paper/extended abstract via email, to DSC-ATS-Sessions@asu.edu March 27, 2018
- Notification to authors for inclusion in ATS Invited Sessions April 2, 2018
- Authors submit papers via this weblink April 9, 2018
- Notification of review results by DSCD May 28, 2018

Any paper not accepted in an invited session can be submitted as a regular paper by the same deadline. If you have any questions, please contact yanchen@asu.edu.

Session Organizers:

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