CALL FOR PAPERS

2018 American Control Conference
Automotive and Transportation Systems Invited Sessions
June 27-29, 2018, Milwaukee, WI, USA
(http://acc2018.a2c2.org/)

The ASME DSCD Automotive and Transportation Systems Technical Committee and the IEEE CSS Technical Committee on Automotive Controls are pleased to jointly sponsor invited technical sessions at the 2018 American 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 Autonomous 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 September 9, 2017 to DSC-ATS-Sessions@asu.edu. Preference will be given to more complete papers. This submission should:

- be in pdf format,
- include the Paperplaza PIN for each contributing author, and
- indicate the corresponding author and contact information

The corresponding authors selected for the invited sessions will receive a session code to use for their on-line submission two days prior to the draft submission due date. The submission of your paper must be done through the conference website. The timeline is shown as follows.

- Submit draft paper/extended abstract via email, to DSC-ATS-Sessions@asu.edu September 9, 2017
- Notification to authors for inclusion in ATS Invited Sessions September 15, 2017
- Authors submit papers via https://css.paperplaza.net/conferences/scripts/start.pl September 17, 2017

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:

Dr. Yan Chen, Arizona State University (yanchen@asu.edu)
Dr. Qadeer Ahmed, Ohio State University
Dr. Reza Amini, University of Michigan – Ann Arbor
Dr. Mehran Bidarvatan, Karma Automotive
Dr. Ali Borhan, Cummins Inc.
Dr. Pingen Chen, Tennessee Tech. University
Dr. Sara Dadras, Ford Motor Company
Dr. Satadru Dey, University of Colorado Denver

Dr. Carrie M. Hall, Illinois Institute of Technology
Dr. Nima Lotfi, Southern Illinois Univ. Edwardsville
Dr. Simona Onori, Clemson University
Dr. Hamid-Reza Ossareh, University of Vermont
Dr. Selina Pan, Ford Motor Company
Dr. Yasha Parvini, University of Detroit Mercy
Dr. Annalisa Scacchioli, Steven Institute of Technology
Dr. Jason Siegel, University of Michigan – Ann Arbor
Dr. Yue-Yun Wang, General Motors Company