

2019 American Control Conference
Automotive and Transportation Systems Invited Sessions
July 10-12, 2019, Philadelphia, PA, USA
(<http://acc2019.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 2019 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	Connected and Autonomous Vehicles
Exhaust Emission Aftertreatment Systems	Cyber-Physical Transportation Systems (CPTS)
Alternative Fuel / Advanced Combustion Modes	Automotive Sensing and Actuation
Energy Conversion, Waste Heat Recovery	Vehicle Active and Passive Safety Systems
Battery and Energy Storage Systems	Driver-in-the-Loop and Driver Assistance
Vehicle Dynamics and Control	Single and Multi-Vehicle Planning and Coordination
Vehicle Electrification and Hybrid Propulsion	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 10, 2018** 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 10, 2018**
- Notification to authors for inclusion in ATS Invited Sessions **September 15, 2018**
- Authors submit papers via <https://css.paperplaza.net/conferences/scripts/start.pl> **September 17, 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:

Dr. Yan Chen, Arizona State University
(yanchen@asu.edu)
Dr. Qadeer Ahmed, Ohio State University
Dr. Reza Amini, University of Michigan – Ann Arbor
Dr. Ali Borhan, Cummins Inc.
Dr. Pinggen Chen, Tennessee Tech. University
Dr. Sara Dadras, Ford Motor Company
Dr. Carrie M. Hall, Illinois Institute of Technology

Dr. Youngki Kim, University of Michigan - Dearborn
Dr. Zhaojian Li, Michigan State University
Dr. Hamid-Reza Ossareh, University of Vermont
Dr. Selina Pan, Toyota Research Institute
Dr. Yasha Parvini, University of Detroit Mercy
Dr. Jason Siegel, University of Michigan – Ann Arbor
Dr. Chen Zhang, University of Minnesota – Twin Cities
Dr. Junfeng Zhao, General Motors Company