



The 2018 IEEE Intelligent Vehicles Symposium (IV'18)

Changshu, Suzhou, China

June 26 - June 30, 2018

IV'18 Special Session on

Intelligent electric vehicle state estimation and dynamics control

Scope and goal:

As a solution to the vehicle active safety and environment concerns issues, intelligent electric vehicles have attracted an increasing attention from academia as well as industry. The objective of this special session is to compile the recent research and development efforts relate to dynamics/stability control and state estimation of intelligent electric vehicle.

Topics of interests (include but not limited to):

- Brake-by-wire (BBW) system design and control
- Steer-by-wire (SBW) system design and control
- Vehicle dynamics parameter identification and estimation
- Integration of energy efficiency and vehicle dynamics control
- Advanced transportation control for fully actuated drive-by-wire EV

Important Dates:

Papers submission: January 29th, 2018

Notification of acceptance/rejection: March 31st, 2018

Camera-ready version due: April 8th, 2018

Conference days: June 26th - July 1st, 2018

Paper Submission:

Prospective authors are required to submit their manuscripts electrically through the conference Papercept submission system (<https://its.papercept.net>) and with the special session code “f141k” for the special session. Submitted papers shall not exceed six pages as a pdf file in IEEE two column format. See more detailed information at the conference website (<http://www.2018iv.org/>) to prepare your paper.

Organizers:

Wu Dongmei, Ph.D., Professor, Wuhan University of Technology, China

Email: wudongmei@whut.edu.cn

Du Changqing, Ph.D., Professor, Wuhan University of Technology, China

Email: cq_du@whut.edu.cn