

AGENDA FOR 10th ANNUAL IFAC AAC



Sunday, August 28

15:00-17:00 Registration open outside of The Blackwell Ballroom (2nd floor)

- Coffee / tea and light snacks available at registration

17:00-19:00 Welcome BBQ Dinner in The Blackwell Ballroom (2nd floor)

SPONSORED BY: The Ohio State University Center for Automotive Research



For questions during the conference, please contact Jennifer Nash Humphrey, +1 614.832.8704



THE OHIO STATE UNIVERSITY
CENTER FOR AUTOMOTIVE RESEARCH

CAR.OSU.EDU/AAC2022

AGENDA FOR 10th ANNUAL IFAC AAC



Monday, August 29

*Registration and Information desk open from 7:00-17:00 in the lobby of The Blackwell Ballroom

09:00 Opening Ceremony, featuring Giorgio Rizzoni, PhD

09:30 Plenary: Lars Nielsen, Linköping University, Sweden

10:30 *Coffee break*
SPONSORED BY Honda North America

11:00 Technical Sessions – MoAT3 and MoAT4

- Modeling, Estimation and Control of Internal Combustion Engine I Pfahl Hall Room 140
- Highly Automated and Connected Vehicular Systems I The Blackwell Ballroom

13:00 Lunch and Keynote: Chen-Fang Chang, LGM, General Motors, USA

14:30 “A conversation about Future Area of Research Findings for our community”
Led by Giorgio Rizzoni, PhD

15:30 Technical Sessions – MoBT3, MoBT4, and MoBT5

- Modeling, Estimation and Control of Internal Combustion Engine II Pfahl Hall Room 140
- Highly Automated and Connected Vehicular Systems II The Blackwell Ballroom
- Invited session: Modeling and Control Methods for Advanced Vehicle Control - Pfahl Hall Room 202

17:30-20:30 *Transportation to the evening’s social event at The Ohio State University Center for Automotive Research*

17:30-20:00 Social and Student Networking Event
The Ohio State University Center for Automotive Research
930 Kinnear Road, Columbus, OH 43212

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Tuesday, August 30

*Registration and Information desk open from 7:30-17:00 [in the lobby of The Blackwell Ballroom](#)

7:30-08:30 Registration open outside of [The Blackwell Ballroom \(2nd floor\)](#)

08:30 Plenary: [Anna Stefanopolou, PhD](#), University of Michigan, USA

10:00 [Technical Sessions – TuAT3 and TuAT4](#)

- Vehicle Dynamics and Control - [The Blackwell Ballroom](#)
- Energy Storage and Charging – [Pfahl Hall, Room 140](#)

12:00 Lunch and Keynote - [Peter Kuechler](#), Ford Motor Company, USA

13:30 Industry Perspective - [Jeff Hemphill](#), Schaeffler (USA)

14:30 *Coffee break*

15:00 [Technical Sessions – TuBT3 and TuBT4](#)

- Fuel Cell and Alternative Energy Vehicles – [Pfahl Hall, Room 140](#)
- Position, Navigation and Timing Security in Highly Automated Vehicles – [The Blackwell Ballroom](#)

17:00-19:00 – Free time – Please feel free to use [Pfahl Hall 202](#) at any time, except Monday between 15:30-17:30, as a quiet workspace

18:45-19:00 [Walk to Gate 7 of Ohio Stadium](#)

- Wheeled transportation available as needed - *Please make prior arrangements at the registration and information desk by Tuesday, August 30 at noon.*

19:00-22:00 IFAC AAC Gala

[The Ohio Stadium](#) – [Northwest Loge Club Event Space](#)

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Wednesday, August 31

*Registration and Information desk open from 8:00-17:00 in the lobby of The Blackwell Ballroom

8:00-09:00 Registration open outside of The Blackwell Ballroom (2nd floor)

08:30 Plenary: Greg Shaver, Purdue University

9:30 Coffee Break

10:00 Technical Sessions – WeAT3 and WeAT4

- Onboard Energy Management in Electrified Powertrains – The Blackwell Ballroom
- Modeling and Simulation Tools for Vehicular Systems – Pfahl Hall, Room 140

12:00 Lunch and Keynote: Gary Parker, Cummins

13:30 Closing Ceremony: Carlos Guardiola, PhD,

14:00 Post-conference Workshops – WeWT2 and WeWT3

- Electrification of Commercial Vehicles– The Blackwell Ballroom
- New Advances on Connected and Automated Vehicles – Pfahl Hall, Room 140

16:00-17:30 Networking and snacks!

For those staying to the very end, we will have light snacks and non-alcoholic beverages in The Blackwell Ballroom Lobby Area, starting at the end of the workshops until approximately 17:30 p.m.

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