

Intelligent System Solutions for Auto Mobility & Beyond

26th / 27th May 2020

The Drivery, Berlin, Germany

// Call for Papers

The road transport sector is changing rapidly. The transformation of the automobile means a fundamental shift from autarkic cars to intelligent and connected systems meeting individual user needs. Smart components, modules, and architectures, and their integration into networks of power, data, and services are key to enable auto mobility of the future.

Building upon the long tradition of the International Forum on Advanced Microsystems for the Automotive Applications, the 23rd edition of the AMAA will be a co-creation conference following a structured dialogue with keynotes and interactive roundtables.

Themed "Intelligent System Solutions for Auto Mobility & Beyond", the AMAA 2020 will highlight the need for an integral view of road mobility, discuss urgent research topics in components and systems as enabling technologies of electrification, automation and diversification, and it will cover transfer potentials towards other transport modes and the integration of vehicles into the networks for traffic, data and power.

Technical and strategic experts, researchers as well as academics are encouraged to submit papers for the programme and the book published by Springer prior to the conference, covering e.g. the following topics:

// Panel Discussions

// Talks

// Pitches & Award

// Workshops

// Networking Dinner Event

For more information visit

www.amaa.de

Road vehicle automation

- / Environment perception
- / Control architectures
- / Cyber security and functional safety
- / Artificial intelligence
- / Connectivity and cloud integration

Electrification

- / Electric motors
- / Power architectures
- / Battery management
- / Grid integration

Systems solutions enabling future mobility

- / Intelligent mobility systems and MaaS
- / Shared fleet/vehicle integration
- / Smart traffic management
- / Novel vehicle concepts

Transfer potentials

- / From cars to robots
- / From road to air mobility

Deadlines for Paper Submission

Abstract: 30th November 2019

Paper: 30th January 2020

Send to: office@amaa.de

Early Bird Rate: 425 € + 19% VAT (prior to 1 February 2020)
Regular Rate: 500 € + 19% VAT