

Workshop Agenda – Vienna

WORKSHOP Event: ‘Autonomous Cars for Automated Driving’, Vienna, Austria

When: 15 May 2018, afternoon, 13:30-18:00h
Where: Vienna Marriott Hotel, 12A Parkring, 1010 Wien
Local contact: Hermann Brand, IEEE Technology Centre GmbH,
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IEEE Team: 8-10 people, including SA President, SASB Chairman, BoG members, staff, representatives of local stakeholders, overall up to 50-70 participants

Half-day workshop

Goals/Agenda:

- Inform about IEEE and IEEE SA (Standards Association)
- Inform about IEEE standards related work for Intelligent Road Transportation
- Inform and discuss Ethically Aligned Autonomous Systems
- Exchange information and discuss technical challenges and standardization needs for Automated Driving

The Workshop will:

- Provide a high level overview about the organizational structure and ongoing activities of IEEE and IEEE Standards Association (SA)
- Highlight activities and standards related projects for Intelligent Road Transportation
- Exchange information and share views on enabling technologies and challenges for autonomous self-driving cars
- Identify areas of common interest and engagement opportunities

Workshop Speakers: See agenda below.

Moderator: Robby Simpson, Corporate Advisory Group Chair

Agenda:

Time	Speaker	Topic	Status
13:30-14:00 PM	Registration		
14:00-14:05 PM	Don Wright, President of IEEE SA	Welcome	Confirmed
14:05-14:20 PM	Jean-Philippe Faure, Chair of the IEEE-SA Standards Board	Introduction of IEEE and IEEE-SA	Confirmed
14:20-14:45 PM	Yu Yuan, Chair SCC 42	Standards for Intelligent Road Transportation	Confirmed

Workshop Agenda – Vienna

14:45-15:05 PM	Konstantinos Karachalios, Managing Director, IEEE SA	Ethically Aligned Autonomous Cars	Confirmed
15:05-15:35 PM	Break		
15:35-16:00 PM	Prof. Daniel Watzenig, TU Graz; Doz. Anton Fuchs, V2C2;	Future Vehicle Control for Automated Driving	Confirmed
16:00-16:25 PM	Bernd Datler, Asfinag	The Role of Road Operators for Smart Transportation or Digitization of Traffic Control	Confirmed
16:25 - 16:50 PM	Helmut Leopold, AIT	Sensors and Sensorfusion for Vehicle Application	Confirmed
16:50 - 17:15 PM	Stefan Poledna, TTTech	Challenges in Automated Driving: Safety and Real-Time	Confirmed
17:15-18:00 PM	Panel Discussion: Robby Simpson, Yu Yuan, Bernd Datler, Helmut Leopold. Anton Fuchs, Stefan Poledna	Technical Challenges and Standardization Needs for Automated Vehicles	Confirmed

Sources:

IEEE

<https://www.ieee.org/index.html>

IEEE Societies

<https://www.ieee-itss.org/>

<https://vtsociety.org/>

<http://www.ieee-ras.org/>

<http://technologyandsociety.org/>

IEEE Standards

<http://standards.ieee.org/>

Auto Cluster Styria

<http://www.acstyria.com/>

Austrian Light Vehicle Region for Automated Driving

<http://www.alp-lab.at/>

C-ROADS - THE PLATFORM OF HARMONISED C-ITS DEPLOYMENT IN EUROPE

<https://www.c-roads.eu/platform.html>

Transport Research Arena

<https://www.traconference.eu/infos/welcome-to-vienna/>

Last Update: 2018-05-02