



Wednesday, 13 November 2024

- 08:45 **Registration and welcome coffee**
- 09:30 **Welcome and short introduction**
Prof. Dr. habil. Mario Trapp [Fraunhofer IKS]

Safety of automated driving systems and AI

- 09:40 **Waymo's approach to the determination of safety for automated driving systems**
Brennan Dutta [Waymo LLC]
- 10:20 **V&V: moving from ODD to behavioral safety centric approach**
Eric Barbier [Wayve Technologies Ltd.]
- 11:00 Coffee break
- 11:40 **AI in vehicle technology and its safety limitations**
Hans-Leo Ross [Vay Technology GmbH]
Dr. Bernhard Bauer [CARIAD SE]
- 12:20 **Architectures for safe automated driving**
Moritz Antlanger [TTTech Auto AG]
- 13:00 Lunch break
- 14:10 **Explainable statistical evaluation of an automated driving system functionality**
Frauke Blosssey, Rainer Fallner [exida.com GmbH]

Standards & legal regulation

- 14:50 **Updates to norms and standards**
Andreas Knapp [Mercedes-Benz AG]
- 15:10 **Interactive keynote: Legal landscape of product safety**
Dr. Volker Hartmann [HOLON GmbH | reuschlaw]
- 16:10 Coffee break

Focus talks I

- 16:50 **Adaptive operational design domain**
Ryan Mut [German Aerospace Center (DLR)]
- Functional safety for FCEVs**
Dr. Christian Nessler [HORIBA MIRA Ltd.]

Thinking out of the box

- 17:30 **Innovating Safely: Assurance for the Next Generation of Aviation**
Dr. Kim Wasson [Joby Aviation]
- 18:10 Closing words
- 19:00 Get-together and dinner *(only with Full-Package)*
- Scientific keynote "Building safe systems with AI – a call to action"**
Dr. Reinhard Stolle [Fraunhofer IKS]

Thursday, 14 November 2024

- 08:30 **Welcome 2nd day**
Prof. Dr. habil. Mario Trapp [Fraunhofer IKS]

Safety analysis

- 08:40 **Hazard Analysis and Risk Assessment for Autonomous Vehicles**
Dr. Adam Schnellbach [AVL List GmbH]
- 09:20 **AbRA - Architecture-based Risk Analysis to speed up Safety Argumentations**
Florian Beer [Robert Bosch GmbH]
Jürgen Sauler [FORVIA HELLA]

Focus talks II

- 10:00 **Quantitative fault tree analysis for autonomous systems**
Noah Carlson [Edge Case Research Inc.]
- On the significance of pseudo-random software errors in holistic product safety**
Dr. Andreas Amoroso [Continental Automotive Technologies GmbH]
- Safety analyses methods using artificial intelligence - future outlook**
Britta Linnemann [FSS Functional Safety Solutions Hamburg GmbH]
- 11:00 Coffee break

Safety of platform software

- 11:40 **Timing verification of AUTOSAR-based fail-operational systems**
Jonas Wolf [Vector Informatik GmbH]
Dr. Daniel Kästner [Absint GmbH]
- 12:20 **A Linux based OS solution for safety related applications up to ASIL-B/ SIL-2**
Dr. Michael Armbruster [emlix GmbH]
Aqib Javaid Butt [Elektrobit Automotive GmbH]
- 13:00 Lunch break

Practical experience reports

- 14:00 **Operational safety experiences @ ZF Mobility Solutions**
Dr. Roman Krzemien, Ahmed Kchikach [ZF Group]
- 14:40 **Implementation in accordance with ISO 26262 – recurrency of MPF safety mechanism**
Magnus Jaster [Schaeffler AG]
- 15:20 **Identification of triggering events as extension of existing functional safety processes**
Hans N. Beck [Daimler Truck AG]
- 16:00 Closing words and farewell coffee