# Wednesday, 13 November 2024

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| 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

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| 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 Blossey, Rainer Faller [exida.com GmbH] |

## Standards & legal regulation

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

## Focus talks I

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| 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

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| 16:50 | **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

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

## Safety analysis

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| 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** Jürgen Sauler [Robert Bosch GmbH] |

## Focus talks II

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| 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. Christopher Wiegand [dSPACE 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

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| 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, Aqib Javaid Butt [Elektrobit Automotive GmbH] |
| 13:00 | Lunch break |

## Practical experience reports

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| 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 [Vitesco Technologies Group 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 |