

Dienstag 29.09.2026

- 10:00 **Eintreffen Teilnehmer, Snacks & Kaffee**
- 10:30 **Begrüßung**
- Planung**
Moderation: Christoph Stiller
- 10:45 **Route Conditioned Motion Planning with Natural Language**
M. Steiner, H. Wu, L. Wang, W. Poh, Ö. Tas, C. Stiller, BMW AG & FIZ & KIT
- 11:10 **Data-Driven Predictive Control for Autonomous Driving**
J. Beerwerth, B. Alrifaae, Uni d. Bundeswehr
- 11:35 **Learning-Based Behavior Planning for Automated Driving: Real-World Integration and Deployment**
J.P.-Busch, G. Linden, J. Bergmann, L. Eckstein, ika Aachen
- 12:00 **Gemeinsames Mittagessen**
- Perzeption**
Moderation: Klaus Dietmayer
- 13:00 **Cross-Radar Supervision for Automatic Labeling of 4D Autom. MIMO Radar Data**
M. Jürgensen, L. Leinfelder, F. Rutz; J.C.F. Michel, M. Vossiek, BMW AG & FAU Erlangen-Nürnberg
- 13:25 **Foundation Model-Driven Semantic Consistency for Unsupervised Domain Adaptation in Monocular 3D Detection**
B. Lorenz, DLR
- 13:50 **BEVMatch: Uni-, Cross-, and Multi-Modal Keypoint Matching for Bird's-Eye View Perception**
L. Beer, A. Backhaus, T. Luettel, M. Mählich, Uni d. Bundeswehr

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- 14:15 **Stability and Failure Modes of End-to-End Autonomous Driving under Limited Vision and Sparse Range Sensing**
S. Talole, A. Muntzinger, HFT Stuttgart
- 14:30 **Workshop Regulierung Autonomer Straßenfahrzeuge**
Moderation: Markus Maurer
Parallel Kaffeepause
- 17:30 **Ergebnisse der Arbeitsgruppen**
Moderation: Mirko Mählich
- 19:00 **Gemeinsames Abendessen**

Mittwoch 30.09.2026

- 08:00 **Gastvortrag**
Speaker: Oberst Thomas Stumpf, Logistikkommando der deutschen Bundeswehr
Moderation: Mirko Mählich
- Human Factors**
Moderation: Klaus Bengler
- 08:45 **A simulation prototype for testing and validating AV-to-pedestrian communication**
D. Rieger, T. Bachmann, TU Ilmenau
- 09:10 **Need for Interaction and Behavioral Intention to use Autonomous Bus Shuttles**
A. König, A. Ghoreschi, J. Opper, DLR
- 09:35 **Exploring Emotion–Motion Coupling in Level-2 Automated Urban Turning using In-Cabin Facial Expressions and Vehicle Dynamics**
D. Siyi, J. Huemer, K. Bengler, TUM
- 10:00 **Kaffeepause**

Mittwoch 30.09.2026

- 10:30 **Preisverleihungen**
Moderation: Mirko Mählich
- Verleihung Uni-DAS Wissenschaftspreis**
Laudation und Vortrag des Preisträgers
- Verleihung des ADAS Awards**
- 11:15 **Gastvortrag**
Speaker: Chris Gerdes, Field Safety Architect, **Waymo**
Moderation: Markus Maurer
- 12:00 **Gemeinsames Mittagessen**
- Absicherung**
Moderation: Steven Peters
- 13:00 **Scalable Distributed Simulation-Based Testing for Automated Driving Systems**
C. Geller, B. Haas, L. Eckstein, ika
- 13:25 **Towards Monitoring for AI-based Autonomous Driving Functions**
M. Langer, L. Hacker, S. Peters, Mercedes-Benz AG & TU Darmstadt
- 13:50 **Creating Impactful Autonomous Driving Datasets: A Strategic Guide from Research Gap to Benchmark**
R. Schwarzkopf, et al. C. Stiller, KIT
- 14:15 **Towards Safer Cities: A Design Process for Perception Datasets in Urban Driving Scenarios**
C. Martinez, A. Kroth, S. Peters, TU Darmstadt
- 14:40 **Conceptualizations of Safety and Risk in Current Automated Driving Regulation – Recommendations and a Critical Review**
M. Nolte, L. J. Brettin, H. Steege, N. F. Salem, M. Loba, R. Graubohm, M. Maurer, KTH & TU Braunschweig

Mittwoch 30.09.2026

- 15:05 **Cooperation and Assistance for Autonomous Driving under Realistic Conditions**
M. Maarsso, G. Lucente, J. Schindler, DLR
- 15:30 **Best-Paper Award inkl. Kaffeepause**
Moderation: Klaus Dietmayer
- Distinguished Paper**
Moderation: Mirko Mählich
- 16:00 **From Words to Collisions: LLM-Guided Evaluation and Adversarial Generation of Safety-Critical Driving Scenarios (ITSC)**
Y. Gao, M. Piccinini, K. Moller, A. Alanwar, J. Betz, TUM
- 16:15 **SDTagNet: Leveraging Text-Annotated Navigation Maps for Online HD Map Construction (NeurIPS)**
F. Immel, J.-H. Pauls, R. Fehler, F. Bieder, J. Merkert, C. Stiller, KIT
- 16:30 **Navigating Informal Shared Spaces: AV Strategies for Joint Behavior Among Multiple Pedestrians (IEEE IV)**
Y. Liu, K. Bengler, TU München
- 16:45 **Towards Vision Zero: The TUM Traffic Accid3nD Dataset (ICCV)**
W. Zimmer, et al. A. Knoll, TU München
- 17:00 **Lidar Waveforms are Worth 40x128x33 Words (ICCV)**
D. Scheuble, H. Holzhüter, S. Peters, M. Bijelic, F. Heide, Mercedes-Benz AG, TU Da, Princeton
- 17:15 **Adaptive Minimal Latency In-Sequence Ordering for Multi-Channel Data Fusion in Autonomous Driving (IV)**
T. Wodtko, A. Scheible, D. Authaler, M. Buchholz, Uni Ulm
- 17:30 **Ausblick & Ende des Workshops**



17. Workshop Fahrerassistenz und automatisiertes Fahren

FAS 2026

Programm

Stand 11.03.2026

29.09. & 30.09.2026

Kloster Irsee

**17. Workshop
Fahrerassistenz und
automatisiertes Fahren**

Uni - DAS
Driving Automation Systems

Ein Workshop des **Uni-DAS e.V.**

Organisation 2026
Prof. Dr. Steven Peters
Prof. Dr. Klaus Bengler

Uni - DAS
Driving Automation Systems