

Workshop BRWB 2024 March 01st

Moderators: Dr.-Ing. Gerhard Faust and Dr. rer.nat. Rainer Hart

Time (CET)	Topic	Speaker
9:00 am - 9:15 am	Welcome and Opening	Prof. Dr.-Ing. Jia Liu and Dr.-Ing. Gerhard Faust
9:15 am - 9:30 am	Welcome Address	Professor Dr. Thomas Walther Vice President Innovation and International Affairs (TU Darmstadt)
9:30 am - 10:00 am	Autonomous Driving – Background and Insights from the Development and Validation of Autonomous Driving Systems for the Construction of Proving Grounds	Dr.-Ing. Sebastian Siegl (Audi AG, Germany)
10:00 am - 10:30 am	Autonomous Driving – Development of test facilities for new mobility at IDIADA	Marc Pinilla, M.Eng. (IDIADA, Catalonia, Spain) Pau Kuipers, B.Eng. (IDIADA, Catalonia, Spain)
10:30 am - 11:00 pm	Autonomous Driving – Additional requirements for markings, pre-markings, pavement marking application, signs etc., for autonomous testing	Dr. Nils Katzorke (Mercedes, Germany) Dipl.-Ing. Reiner Imdahl (Mercedes, Germany)
11:00 am - 11:30 am	Coffee Break	
11:30 am - 12:00 am	New Technologies – Research at the TU Darmstadt – Asphaltpetrology – FWD (Falling Weight Deflectometer)	Dr.-Ing. Stefan Böhm (TU Darmstadt) Matthias Scheidig, M.Sc. (TU Darmstadt)
12:00 am - 12:30 pm	New Technologies – Marking removal and road cleaning with ultra-high-pressure water blasting technology	Dirk Schönauer (CSO Traffic lines, Germany)
12:30 pm - 02:00 pm	Lunch Break	
2:00 pm - 2:30 pm	Proving Grounds and Test Tracks – New proving grounds in China	Dr. Markus Limbach (SMB Germany) Dipl.-Ing. Thomas Aschenbrenner (SMB Germany) Dipl.-Ing. Fang Dexi (SMB China)
2:30 pm - 3:00 pm	Proving Grounds and Test Tracks – Low friction surface using polished concrete	Dipl.-Ing. Bernd Pfau (Porsche) Dipl.-Ing. Johannes Hogrebe (Tilke, Germany)
03:00 pm - 03:15 pm	Coffee Break	
3:15 pm - 3:45 pm	Proving Grounds and Test Tracks – Conversion of a former airfield to a proving ground, example Pferdsfeld/Germany	Marco Krohn (Testcenter Pferdsfeld, Germany)
3:45 pm - 4:00 pm	Final Discussion and Closure	Prof. Dr.-Ing. Jia Liu and Dr.-Ing. Gerhard Faust