



BRWB
Bad Roads Well Built



TECHNISCHE
UNIVERSITÄT
DARMSTADT



Institut für
Verkehrswegebau

Institut of
Transportation
Infrastructure
Engineering

Prof. Dr.-Ing. Jia Liu



Time	Topic	Speaker
09:00 am - 09:25 am	Welcome and Opening, Introduction of Prof. Dr.-Ing. Jia Liu	Prof. Dr.-Ing. J. Stefan Bald, Prof. Dr.-Ing. Jia Liu, Dr.-Ing. Gerhard Faust
09:25 am - 09:40 am	Welcome Address	Professor Dr. Thomas Walther Vice President Innovation and International Affairs (TU Darmstadt)
09:40 am – 10:20 am	The Lommel Proving Ground Rebuilt of the High Speed Track at PG Lommel	Dr. Robert Rasmussen (The Transtec Group, Inc., USA) Erik de Vries, M. Eng. & M. S. (Lommel PG, Belgium) Dipl.-Ing. Karl -Heinz Schultes (SMB, Germany)
10:20 am - 10:50 am	Coffee Break	
10:50 am – 11:20 am	Fiber Optic Technology for Monitoring Asphalt Roads - Result of a feasibility study	Dr.-Ing. Martin Lipus (Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences Telegrafenberg)
11:20 am – 11:50 am	Asphalt evenness From Design to Realisation, Best Practice	Jarno Zaffelli, B. Sc. (Dromo Circuit Design, Italy)
11:50 am – 01:00 pm	Lunch Break	
01:00 pm – 01:30 pm	Sustainability Recyclability of Road Construction Material and Limits of Reuse for Test Track Construction	Mario Peiker, B. Eng. (Hart Consult International GmbH, Germany)
01:30 pm – 02:00 pm	Research at the TU Darmstadt – Asphalt Temperature – Pre-Compaction Process – Sealing of Joints	Maximilian Schütz, M. Sc. (TU Darmstadt, Germany) Leandro Harries, M. Sc. (TU Darmstadt, Germany) David Kempf, M. Sc. (TU Darmstadt, Germany)
02:00 pm – 02:30 pm	Coffee Break	
02:30 pm – 03:00 pm	The Black Unknown Bitumen/Binder	Dipl.-Ing. Dipl.-Umweltwiss. Tatjana Kunsic (IBQ – Institut für Baustoff-Qualitätssicherung, Germany)
03:00 pm – 03:30 pm	State of the Art in Paving The Way to Autonomous Paving	Dipl.-Ing. Alfons Horn (MOBA, Germany) Leandro Harries, M. Sc. (TU Darmstadt, Germany)
03:30 pm – 04:00 pm	Final Discussion and Closure	Prof. Dr.-Ing. Jia Liu / Dr.-Ing. Gerhard Faust