

Workshop Bad Roads Well Built 2026

March 13th Justus-Liebig-Haus Darmstadt

Moderators: Prof. Dr.-Ing. Jia Liu and Bernd Pfau

Where the rubber hits the Road - Pavement Surface Engineering -

	Topic	Speaker
9:00 am - 9:05 am	Welcome and Opening	Prof. Dr.-Ing. Jia Liu (Head of Institute of Transportation Infrastructure Engineering)
9:05 am - 9:20 am	Welcome Address from TU Vice President	Prof. Dr. Thomas Walther Vice President Innovation and International Affairs (TU Darmstadt)
9:20 am - 9:45 am	Where Science hits the Road - Research activities and challenges in the construction and maintenance of sustainable roads	Prof. Dr.-Ing. Jia Liu (Head of Institute of Transportation Infrastructure Engineering)
Skid Resistance		
9:45 am - 10:15 am	Skid Resistance - Theory and application of grip in track pavement surface engineering	Dr. Robert Rasmussen (Transtec Group, USA)
10:15 am - 10:45 am	Basalt Tiles for Automotive Testing - Low friction breaking tests	Bc. Lumir Chmelar (Eutit s.r.o., Czechia)
10:45 am - 11:15 pm	Coffee Break	
Tire Testing		
11:15 am - 11:45 am	Tire Emission Testing - Noise, tire wear and air emission	Prof. Dr. Joachim Taiber (Imperial College London, UK and Director Intern. Alliance for Mobility Testing & Standardization) Prof. Dr. Robert Shorten (Head of School, Dyson School of Design Engineering, London, UK)
11:45 am - 12:15 am	Grip Performance - New developed testbench	Markus Winter (Kokusai Europe GmbH, Director Marketing & Sales, Germany)
12:15 pm - 1:11:45 pm	Lunch Break	
New Proving Ground, new Technology and next Excursion		
1:45 pm - 2:45 pm	New Proving Ground and Technology - The new BMW PG Sokolov, Czech Republic - ELMAS (Electromagnetic Subroadscan)	Dipl.-Ing. Steffen Weißert (BMW AG, Munich, Germany) Dipl.-Ing. Holger Jahrow (BMW AG, Munich, Germany) Dipl.-Wirtsch.-Ing Tom Scholz (WPW, Leipzig, Germany) Dipl. Geophysiker Johannes Preuß (Geophysics + Drones + Prospecting, Dresden, Germany)
2:45 pm - 3:15 pm	Stellantis Proving Grounds Worldwide - Special information about the PSA PG in Belchamp and preparation of site visit 2027	Dipl.Wirt.-Ing. Christian Kraske (Stellantis, Global Head Stellantis Proving Grounds, Germany)
3:15 pm - 3:30 pm	Final Discussion and Closure	Prof. Dr.-Ing. Jia Liu

For questions, please contact Dr. Gerhard Faust <faust@vwb.tu-darmstadt.de>