



Gabor Csicsely / Zoltán Hamar (Zalazone)



Joerg Hogefeld / Sini Honkanen (UTAC)



Jairo Parra (Tilke)



**Dr. Maximilian Sesselmann
(LEHMANN + PARTNER GmbH)**



**Jasmin Elzer Moritz Mittendorf
(beide TU Darmstadt)**



**Walter Hemmerich Henrik Jorvad
(beide Colas)**



**Mario Peiker (Hart Consult International)
Katja Zschommler (Porsche Leipzig)**



Martin Fliegl (Fliegl Agrartechnik)

The workshop “Bad Roads Well Built 2025” was organized for the thirteenth time by the Institute of Transportation Infrastructure Engineering at the Technische Universität (TU) Darmstadt/Germany on March 7st 2025.

More than 138 experts out of 23 countries met in Darmstadt. Eight presentations given by well known experts from the industry and the University gave an overview about newest developments of test track design, construction, and maintenance. The experts, engineers, users, and operators of Proving Grounds and test tracks shared their experience in intense discussions.

A visit of the Triwo Test Center Pferdsfeld took place a day prior. The visit included guided tours through the Test Center and demonstrations of a demarking truck (traffic lines), the FWD (TU Darmstadt) and texture an grip measures (Hart international).

A dinner in the evening closed the first day of the workshop.



Presenters (from the left):
first row: Dr.-Ing. Jia Liu, Sini Honkanen, Katja Zschommmler Dr. Maximilian Sesselmann
second row: Jairo Parra, Jörg Hogefeld, Henrik Staer
third row: Zoltan Hamar, Gabor Csicsely, Walter Hemmerich
forth row: Bernd Pfau, Jasmin Elzer, Moritz Middendorf, Mario Peiker, Dr. Gerhard Faust, Martin Fliegl

Bad Roads Well Built 2025

- Test Tracks for the Automotive Industry

- Design, Construction, Maintenance and Operation

Organizer: Prof. Dr.-Ing. Jia Liu, Dr.-Ing. Gerhard Faust and team

Agenda

Time (CET)	Topic	Speaker
09:00 am - 09:15 am	Welcome and Opening	Prof. Dr.-Ing. Jia Liu, Dr.-Ing. Gerhard Faust and Bernd Pfau
09:15 am - 09:30 am	Welcome Address	Prof. Dr. Thomas Walther Vice President Innovation and International Affairs (TU Darmstadt)
New Proving Ground, Test Tracks and related Activities		
09:30 am - 10:00 am	PG Zalazone, Hungary Challenges for Construction during Operation	Zoltan Hamar and Gabor Csicsely (both Zalazone, Hungary)
10:00 am - 10:30 am	Indoor Low-μ Surface Track Special Test Facility in Ivalo, UTAC Testcenters, Finland	Jörg Hogefeld and Sini Honkanen (both UTAC, Finland)
10:30 am - 11:00 pm	Coffee Break	
11:00 am - 11:30 am	Test Track Design Using BIM for Test track Construction	Jairo Parra (Tilke GmbH & Co. KG, Germany)
11:30 am - 12:00 am	Laserscanning Automotive PG Modelling based on High-Precision Mobile Laserscanning	Prof. Dr.-Ing. Andreas Großmann and Dr. Maximilian Sesselmann (both LEHMANN & PARTNER GmbH, Germany)
12:00 am - 1:30 pm	Lunch Break	
Surface Treatment		
1:30 pm - 1:45 pm	Research at TU Darmstadt Surface Treatment and Preserving Agent	Moritz Middendorf (TU Darmstadt)
1:45 pm - 2:15 pm	Surface Coating Reason for Treating/Right Timing/Environmental Issues/Results (Grip Test)	Walter Hemmerich (Colas, Europe) Henrik Staer (Colas Danmark A/S)
Sustainability		
2:15 pm - 2:30 pm	Research at TU Darmstadt Warm Mixed Asphalt	Jasmin Elzer (TU Darmstadt)
2:30 pm - 3:00 pm	Sustainability: Focus Construction Lessons learned using Warm Mixed Asphalt for Testtrack Pavement	Mario Peiker (Hart Consult, Germany) Katja Zschommmler (Porsche Leipzig GmbH, Germany)
3:00 pm - 3:30 pm	Coffee Break	
3:30 pm - 4:00 pm	Sustainability: Focus Transport How to save Energy, CO2 and Costs with modern Transport Technology	Martin Fliegl (Fliegl Bau- & Kommunaltechnik GmbH, Germany)
4:00 pm - 4:15 pm	Final Discussion and Closure	Prof. Dr.-Ing. Jia Liu, Dr.-Ing. Gerhard Faust and Bernd Pfau

For more information please see: www.brwb.org

Triwo TC Pferdsfeld Visit, March 6st and Workshop Impressions March 7th

