



Bad Roads Well Built

Schlechte Straßen gut gebaut

Next workshop:
22. Feb. 2019



more information please see: www.brwb.org



The workshop "Bad Roads Well Built 2018" was organized for the sixth time by the Institute Road and Pavement Engineering at the Technische Universität (TU) Darmstadt/ Germany on February 23th 2018.

More than 100 experts from more than 50 companies and institutes out of 9 countries met in Darmstadt. Well known experts from the industry gave with 7 different presentations an overview about newest developments of test track design, construction, maintenance and safety. Supported by simultaneous translation, the experts, engineers, users and operators of Proving Grounds and test tracks shared their experience in intensive discussions, especially about safety concepts, supplier development and asphalt-design and -usage.

A day prior a visit of the Frankfurt Airport was organized because the operational and security aspects are similar to the daily business of a Proving Ground, but much more complex. The visit started with a guided bus tour through the Frankfurt Airport area including the apron followed by a presentation about operational functions and involved departments (e.g. rescue and fire fighting, emergency management, environmental issues).

The visit was finished with a tour of the coordination center.

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



Bad Roads Well Built 2018

Sharing Experiences on Constructing Test Tracks for the Automotive Industry

Agenda

Time	Speaker	Topic
09:00 am – 09:15 am	Prof. Dr.-Ing. J. Stefan Bald Dr.-Ing. Gerhard Faust	Welcome and Opening
09:15 am – 09:45 am	Robert H. McLenon Jr. (BRPH) Dipl.-Ing. Bernd Pfau (Porsche AG)	The Challenge: Building Automotive Tracks Using Local Road Contractors
09:45 am – 10:15 am	Jochen Braunwarth (Geobrugg AG)	Track Safety: Circuit Design and Debris Fence Updates
10:15 am – 10:45 am	-----	Break
10:45 am – 11:15 am	Marc Pinilla, M.Sc (Idiada PG) Pau Kuipers, B.Sc. & B.Eng. (Idiada PG)	The Applus IDIADA Proving Ground: Tracks and Services
11:15 am – 11:45 am	Dr. Rainer Hart (HART Consult International GmbH)	Black Magic: Special Types of Blacktop for Test Tracks
11:45 am – 12:15 am	Dr. Robert Rasmussen (The Transtec Group, Inc.) Eric De Vries (Ford Lommel PG)	Best Practices: Constructing NVH Surfaces at Ford Lommel Proving Ground
12:15 am – 01:30 pm	-----	Lunch Break
01:30 pm – 02:15 pm	Dr. Hans-Peter Schöner (Daimler AG) Dipl.-Ing Reiner Imdahl (Daimler AG)	Daimler's New PG in Immendingen/Germany: Designed for Testing Autonomous Vehicles
02:15 pm – 02:45 pm	-----	Break
02:45 pm – 03:15 pm	Dipl.-Ing. Volker Bummel (Kutter) Magdalena Machura (ASI Solutions Ltd/rhinophalt)	Surface Treatment: Surface Restructuring/ Refurbishment of Test Tracks
03:15 pm – 03:45 pm	Prof. Dr.-Ing. J. Stefan Bald Dr.-Ing. Gerhard Faust	Final Discussion and Closure

Organizer:

Prof. Dr.-Ing. J. Stefan Bald, Dr.-Ing. Stefan Böhm, Dr.-Ing. Gerhard Faust, Dr. Rainer Hart

Airport Frankfurt Visit



Workshop Impressions



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Presenters (from the left): V. Bummel, R. Imdahl, Dr. H.-P. Schöner, M. Machura, E. De Vries, J. Braunwarth, R. H. McLenon Jr., M. Pinilla, Prof. S. Bald, Dr. G. Faust, Dr. R. Hart, B. Pfau, Dr. R. Rasmussen, P. Kuipers