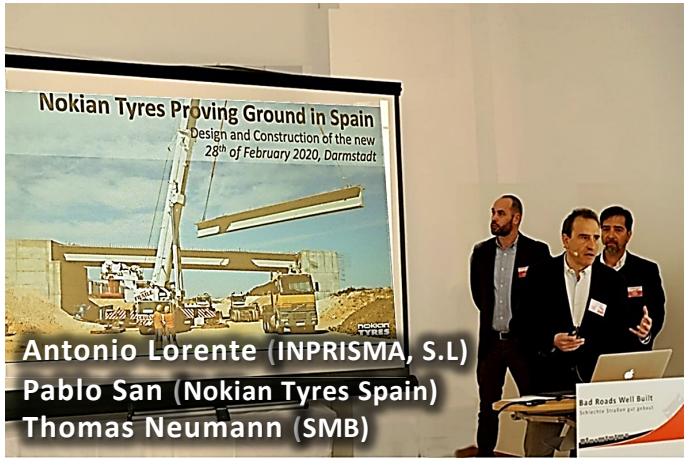


Maximilian Ertsey-Bayer (Müller-bbm)



Marc Schmits-Lapainer (IngenAix GmbH)



Antonio Lorente (INPRISMA, S.L)
Pablo San (Nokian Tyres Spain)
Thomas Neumann (SMB)



Mario Peiker (Hart Consult International)

TECHNISCHE UNIVERSITÄT DARMSTADT

68 Companies from 15 Countries

Bad Roads Well Built
Schlechte Straßen gut gebaut

2020

Institut für Straßenwesen
Chair Road and Pavement Engineering
Prof. Dr.-Ing. J. Stefan Bald

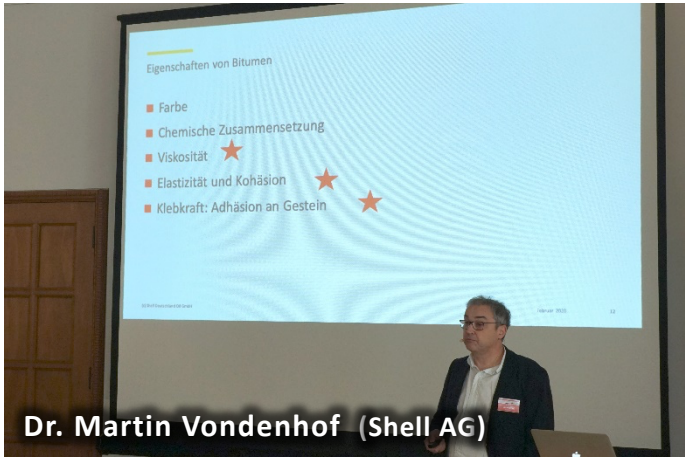

Dr. Christian Wörner (Via IMC Berlin)



Olaf Bierfreund (C&O Innov8)



Bernd Pfau (Porsche AG)
Benjamin Engl (Emodrom)



Dr. Martin Vondenhof (Shell AG)

The workshop "Bad Roads Well Built 2020" was organized for the eighth time by the Institute Road and Pavement Engineering at the Technische Universität (TU) Darmstadt/ Germany on February 28th 2020.

More than 120 experts from 68 companies and institutes out of 16 countries met in Darmstadt. 8 presentations given by well known experts from the industry showed 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 intensive discussions.

A day prior a visit of the Aldenhoven Test Center (ATC) close to Aachen/Germany was organized. Michael Lesemann, the ATC Manager gave detailed informations about the testtracks and special functions of the ATC. The visit finished with a guided bus tour through the Test Center.

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

Next workshop: 26. Feb. 2021



Presenters (from the left): Olaf Bierfreund, Marc Schmits-Lapainer, Thomas Neumann, Benjamin Engl, Bernd Pfau, Dr. R. Hart, Michael Lesemann, Dr. G. Faust, Maximilian Ertsey-Bayer, Pablo Sanz, Dr. Martin Vondenhof, Christian Wörner, Mario Peiker, Antonio Lorente, Prof. Dr. St. Bald

Bad Roads Well Built 2020

Test Tracks for the Automotive Industry
- Design, Construction, Maintenance and Operation

Organizer: Dr.-Ing. Gerhard Faust
Dr. rer.nat. Rainer Hart

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 - 09:30 am	Prof. Dr.-Ing. Jens Schneider (Vice President, Transfer und International Affairs, Technische Universität Darmstadt)	**Welcome Address** (in English)
09:30 am - 10:00 am	Maximilian Ertsey-Bayer, M.Sc. (Müller-bbm)	**Surface Texture and Acoustics:** Assessment of the Road Texture and its Effect on the Acoustics
10:00 am - 10:30 am	Dipl. Ing. Antonio Lorente (INPRISMA, S.L) Pablo Sanz, M.Sc. (Nokian Tyres Spain) Dipl. Ing. Thomas Neumann (SMB)	**New Tire Proving Ground in Spain:** Design and Construction of the new Nokian-Tire PG in Spain (English Presentation)
10:30 am - 11:00 am	----------	Coffee Break
11:00 am - 11:30 am	Mario Peiker, B.Eng. (Hart Consult International)	**Application Error:** Typical Mistakes During Asphalt Installation for Test Tracks
11:30 am - 12:00 am	Dipl.-Ing. Marc Schmits-Lapainer (IngenAix GmbH)	**The other Testarea:** Mercedes G Driving Experience Center Graz
12:00 am - 12:30 am	Dr.-Ing. Christian Wörner (Via IMC Berlin)	**New Technologies for Road Constructions:** BIM and Using Drones
12:30 am - 01:30 pm	----------	Lunch Break
01:30 pm - 02:00 pm	Dipl.-Ing./CEng. Olaf Bierfreund (C&O Innov8 Consulting Limited)	**Procurement Routes:** How to Make Projects Successful, Bring Together, Cost, Timing, Contractor Abilities, Local Availability of Materials etc. (English Presentation)
02:00 pm - 02:30 pm	Dr.rer.nat. Martin Vondenhof (Shell AG)	**Bitumen:** Possibilities for Special Modifications of Bitumen to be Used for Test Tracks/Moduls
02:30 pm - 03:00 pm	----------	Break
03:00 pm - 03:30 pm	Dipl.-Ing Bernd Pfau (Porsche) Benjamin Engl (Emodrom)	**Racetrack and Testactivities:** Steps to extend a Racetrack to a Customer Experience Center
03:30 pm - 04:00 pm	Prof. Dr.-Ing. J. Stefan Bald Dr.-Ing. Gerhard Faust	Final Discussion and Closure

For more information please see: www.brwb.org

Aldenhoven Test Center (ATC) Visit





Workshop Impressions







