

APRIL 11

18:30 **Welcome Evening** Rive Gauche

APRIL 12

Agenda

Kongresshaus

08:30 – 09:30 **Welcome Coffee and Time for Exhibits and Worlds of Experience**

Opening

09:30 – 09:50 **Welcome** Auditorium –1
 Georg F. W. Schaeffler, Chairman of the Supervisory Board of Schaeffler AG

09:50 – 10:20 **What Moves Us – Mobility Concepts for the Future**
 Prof. Dr.-Ing. Peter Gutzmer, Deputy CEO and Chief Technology Officer

10:20 – 10:50 **What Guides Us – The Energy Chain of Mobility for Tomorrow**
 Uwe Wagner, Senior Vice President R&D Automotive and Industrial

10:50 – 11:20 **What Drives Us – The Schaeffler Powertrainmatrix**
 Matthias Zink, CEO Automotive

11:20 – 11:30 **Q&A**

11:30 – 12:30 **Lunch and Time for Exhibits and Worlds of Experience**

Conventional Powertrain

ENGINE – Part 1 Kongresssaal 1 **TRANSMISSION – Part 1** Auditorium –1

12:30 – 12:55 **The Combustion Engine – A Drive with a Future!**
 Dr. Martin Scheidt, Senior Vice President R&D Engine Systems

The Transmission – Now and in Future the Most Efficient Connection Between the Powertrain and the Road
 Dr. Hartmut Faust, Senior Vice President R&D Transmission Systems

12:55 – 13:20 **Breakthrough of Rollerized Crank Shafts**
 Dr. Frank Schlerege, Director Advanced Engineering Analysis Engine Systems

Innovative Bearing Concepts for the Powertrains of the Future
 Georg von Petery, Director Product Development / Product Design Transmission Components

13:20 – 13:45 **Fast and Precise – Electrical Cam Shifting**
 Andreas Thölke, Senior Specialist Product Development Electrical Cam Shifting

Best-in-Class Dampers for Every Driveline Concept
 Dr. Ad Kooy, Manager Engineering Business Unit Damper Systems
 Roland Seebacher, Director Development Dynamic

13:45 – 14:10 **VCR – The Last Big Step for Greater Efficiency**
 Dr. Peter Solfrank, Director Product Engineering Phasing Systems

Efficient Solutions for Automatic Transmissions – Torque Converters and Clutch Packs
 Thomas Heck, Vice President Product Line Torque Converter

14:10 – 14:40 **Break and Time for Exhibits and Worlds of Experience**

ENGINE – Part 2 Kongresssaal 1 **TRANSMISSION – Part 2** Auditorium –1

14:40 – 15:05 **Airpath Flexibility – Unlocking the Full Potential of the UniAir System**
 David Kehr, Director UniAir

Made-to-Order Double Clutch Systems
 Götz Rathke, Director Development System

15:05 – 15:30 **3 Cylinder as an 8 Stroke – Rolling CDA**
 Dr. Michael Elicker, Manager Advanced Development Engine Systems

Innovative Power on Demand Concepts for Transmission Actuation
 Bruno Müller, Vice President Product Line Actuators

15:30 – 15:55 **Schaeffler eRocker System – New Concepts for Switchable Roller Finger Followers**
 Dr. Frank Himsel, Senior Manager Application Engineering Variable Valve Train Systems / Switchable Components

Innovative CAE – Optimal Layout of Transmission Components
 Dr. Daniel Heinrich, Senior Specialist System Development Clutches

15:55 – 16:20 **P0 Mild Hybrid – With System Competence to Maximum Efficiency**
 Christoph Schröder, Director Product Group Accessory Drives
 Dr. Andreas Stuffer, Manager Product Management Engine Dampers

The Manual Transmission Has a Future: E-Clutch and Hybridization
 Dr. Roland Welter, President Business Unit Clutch System and Project Management

16:20 – 16:50 **Break and Time for Exhibits and Worlds of Experience**

16:50 – 17:30 **THE CITY OF TOMORROW - SENSEABLE MOBILITY** Auditorium –1
 Prof. Carlo Ratti, Director SENSEable City Lab, Massachusetts Institute of Technology & Partner Carlo Ratti Associati (architecture and design practice)

19:00 **Gala Evening** Kurhaus Baden-Baden

APRIL 13 **Agenda**

Kongresshaus

08:00 – 09:00 **Welcome Coffee and Time for Exhibits and Worlds of Experience**

HYBRIDIZED AND ELECTRIFIED POWERTRAINS – Part 1

Auditorium –1

09:00 – 09:15 **Schaeffler E-Mobility – With Creativity and System Competence in the Field of Endless Opportunities**

Andreas Englisch, President Business Units Hybrid Transmissions & E-Axles
Thomas Pfund, President Business Unit E-Systems

09:15 – 09:45 **The Schaeffler eDrive Plattform – Modular and Highly Integrated**

Thomas Pfund, President Business Unit E-Systems

09:45 – 10:10 **48 V Hybridization – A Smart Upgrade for the Powertrain**

Thomas Eckenfels, Project Manager Product Line Hybrid Modules

10:10 – 10:35 **P2 HV Drives – The Most Efficient Hybridization for all Transmissions**

Dierk Reitz, Vice President Product Line Hybrid Modules

10:35 – 11:00 **The Top 3 of P2 – Space, Space, Space**

Joachim Hoffmann, Vice President Product Line Dry Clutches

11:00 – 11:45 **Break and Time for Exhibits and Worlds of Experience**

HYBRIDIZED AND ELECTRIFIED POWERTRAINS – Part 2

Auditorium –1

11:45 – 12:15 **The Innovative Schaeffler Modular E-Axle**

Thorsten Biermann, Senior Director Development Product Line Electric Axle Systems

12:15 – 12:40 **Dedicated Hybrid Transmission – How the Transmission Becomes a Powertrain**

Andreas Kinigadner, Manager New Concepts E-Mobility

12:40 – 13:05 **Intelligent Thermal Management for Hybrid Powertrains**

Michael Weiss, Vice President Product Line Thermal Management & Water Pump Bearings

13:05 – 13:35 **Mobile in the City of Tomorrow – The Fusion of Powertrain and Chassis**

Dr. Manfred Kraus, Senior Vice President R&D Chassis Systems

Auditorium –1

13:35 **Lunch and Time for Exhibits and Worlds of Experience**