

PRESENTERS

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Barna Hanula PhD, Vice dean for industrial co-operation of the Széchenyi University, Head of the Audi Institute

He made his studies at TU Budapest. He has been one of the initiators of the universities racing team and won the Hungarian championship with his self-designed and built race car.

At Schrick GmbH (later AVL Schrick GmbH) he led several projects, later the engine development and used to be the managing director for the last 12 years. His scope of activities covered engine development, electric- and hybrid vehicle development, engine design and business development.

Participating in the development of the W16 Bugatti Veyron engine he considers one of the greatest successes of his career.



Thomas Faustmann, CEO of Audi Hungaria Motor Kft.

He was born on September 30, 1962. in Peine, Germany. He studied at the Leibniz University in Hannover and gained a diploma in Mechanical Engineering.

From 1991 he is working for the Volkswagen AG. After moving from Salzgitter he was a production planner in Wolfsburg at the VW Manufacturing Process Planning Center.

Following 1995 he filled several managing positions. In Chemnitz he led the production planning area, he was head of Produkt Center 2 (EA 111 engines) from 1998 in Salzgitter, managed Product Center 3 (R5, V&W engines) from 2000.

He joined Audi Hungaria Motor Kft in 2002 as the managing director of the company.



Dr. Jörg Ross, head of IAV's new Advanced Development division

At the beginning of his career he worked for FEV Motorentechnik in Aachen as Responsible Engineer of FEV Valve-Train Projects.

At Ford Werke AG in Germany he was the Supervisor of Zetec SE Engine Development. In 2001 he joined Ferrari and being Head of Base Engine Development he was responsible for developing Formula 1 engines.

Since 1st January, 2009 he is employed by IAV GmbH filling the role Executive Vice President of Advanced Powertrain Engineering.



Dr. Peter Schögggl, head of Business Field Racing in AVL, Powertrain Engineering and Technology, AVL List GmbH, Graz, Austria

Leading AVL's Motorsport activities since more than 10 years with leading customers in Formula 1, DTM, F3, NASCAR, Indycar.

Multiple international Motorsport publications together with Racing customers (e.g. Ferrari Formula 1 in 2001, 2003 and 2005). Chief Judge in Formula Student since 2008

Active Motorsport:

- 1985-1987: Official test driver of a Formula Ford 2000 program in Austria
- 1988: 1st place in the 1600cc category in the Styrian Mountain Championship
- 1989: 1st place in the 1600cc category in the International Alpen-Donau-Bergpokal, 1 race in Pecs, Hungary
- 1990: 2nd place in the Austrian Championship Mountain Race 1600 cc
- Since 2007: Participation in Regularity Rallies, e.g. Ennstal Classic, Planai Classic



Nikolas Raeder, the owner and managing director of Raeder Automotive GmbH

As a vehicle engineer he played a huge part in the development of the first front-wheel drive winner Audi TT RS for the VLN series. The team also prepared a Lamborghini Gallardo, Mini's for the run. As a former active driver he has first-hand experience about the world of motor racing.

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Norbert Gatzka,

After developing a deep engine understanding at the Deutz AG in Cologne as an engine mechanic / test bench leader he went for a study of mechanical engineering at the Rheinische Fachhochschule Köln.

For the next 9 years his fields of activities were mainly the design, calculations and production valve-train components. At the Dr. Schrick GmbH he worked as the director of racing components division. His 7 years of work in BMuW F1 engine development covered engineering of valve timing, power- and durability developments, vehicle integration, „upper end redrafting“.

Currently for 4 years employed at BMW-Motorrad working mainly on base engine development (design, production, construction, prototyping, seeing the series implementation through).



Ulrich Baretzky, currently Audi Sports' Head of Engine Technology, and has been credited with developing the V12 TDI engine, used in the Audi R10 race car.

He was born in 1954 in Straubing, Bavaria and studied Mechanical Engineering at the University of Munich. He began his career as a Design Engineer with BMW Motorsport and then moved to Audi as head of Race Engine Design in 1986.

He led projects in Trans-Am, IMSA GTO, DTM, ITC and in 1993, became the Head of Race & Special Engine Development at Audi Sport. His project at Audi Sport include Supertouring, Audi Le Mans, (victories in 2000, 2001, 2002, 2004, 2005, 2006, 2007), Bentley Le Mans, (victory in 2003), ALMS, LMES, DTM and STCC.

In 2002, he was made the Coordinator of Race Engines within the VW Group and has led the Skoda WRC, SEAT ETCC, WTCC Lamborghini GT and F3 projects.



Thomas Pels, Global Head of Hybrid and Electric Powertrain at AVL

Thomas Pels has a diploma in Mechanical Engineering / Automotive Engineering. As a development engineer his professional career began at Continental AG in 1995. Later he became the team leader of ISG Development. From 1999 to 2003 he worked for LuK GmbH & Co. managing Hybrid Propulsion Systems in the advanced engineering division.

Currently he is employed by AVL as the Head of Hybrid and Electric Powertrain Systems since November 2008. The key aspects of this skill area are system analysis and simulation, powertrain system design and integration, functional safety, prototype vehicle build as well as system V&V.



Dr. Wolfgang Demmelbauer-Ebner, head of Engine Development at Audi Hungaria Motor Kft.

After finishing his Mechanical Engineering studies at Technische Universität in Wien he started his career on the fields of Diesel Engine Development at Volkswagen AG in Wolfsburg.

Later he filled several managing positions like Head of Diesel Engine Development at Seat in Barcelona, Engine mechanics of VR and W Engines Leader in Wolfsburg, Quality Analysis and Quality Planning Leader in Salzgitter. Since 1st July 2007 he is leading the Engine Development at Audi Hungaria Motor Kft.



Volker Strycek, Manager GM Performance Center & Motorsport

At Opel he was working as a project leader of DTM, Rallye and German Supertouring Championship for five years. Since 1997 he is a manager, leading the motorsport division and Opel Performance Center (OPC) since 1998. For six years now he is a lecturer at Technische Universität Berlin.

He has been driving in several series for decades, since 2007 he is the volunteer Sportpresident of „Automobilclub von Deutschland“.