

Press Release



FEV presents sustainable development highlights at 31st Aachen Colloquium

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Aachen, October 2022 – For the 31st time now, the “Aachen Colloquium Sustainable Mobility” (ACK) will take place from October 10-12 as the industry meeting place for experts from the automotive industry to exchange ideas on the latest developments for the mobility of the future. FEV, a leading international independent service provider in vehicle and powertrain development for hardware and software, will be presenting developments for CO₂-neutral mobility this year. Furthermore, the company's software and energy solutions will be showcased, which have a high social impact due to its focus on sustainability.

“FEV is a pioneer in sustainable development solutions, and that's exactly what our booth at ACK reflects,” said Prof. Stefan Pischinger, President and CEO of FEV Group. “Our offerings range from eScooters for shorter urban distances to sky cabs connecting people quickly and efficiently in metropolitan regions. In addition, we develop the software for intelligent, autonomously driving vehicles and use our expertise for smart energy systems, for example.”

What FEV's development achievements have in common is that they are sustainable, guarantee added comfort and safety for users, and also take future societal requirements into account.

This year's FEV booth concept covers a total of seven thematic areas. In the battery development area, different battery technologies will be presented and FEV's 360-degree approach in

this context will be explained. It includes benchmarking as well as solutions to evaluate concept ideas for battery design on the customer side within the shortest possible time and to verify fundamental concept decisions. Another important component is the virtual tour of FEV's eDLP – the world's largest independent test and development center for high-voltage batteries.

For electric drives, efficient developments will be presented that are used in heavy-duty applications, for example. Furthermore, on display at the booth are innovative solutions specifically for urban mobility on land or – for medium distances – even in the air. In addition, promising options for meeting the challenges of future energy systems will be presented.

FEV also offers a wide range of services in the field of hydrogen technologies. These include optimized fuel cell applications, hydrogen ICE (internal combustion engine) solutions ready for series production, and test rigs for hydrogen applications.

FEV.io also presents a further development field in the area of software with the Software Defined Vehicle (SDV) demonstrator. This addresses special requirements, such as wireless connectivity and cloud-based computing power. In addition, colloquium visitors to the FEV booth will be informed about solutions in the context of autonomous driving. To safeguard automated driving functions in the face of ever-increasing system complexity, the company offers unique systems that detect and evaluate the wide range of scenarios in road traffic during test drives and prepare them for developers. This saves time and development costs.

Colloquium visitors can personally examine these and other FEV highlights from October 10-12 on the ground floor of the Eurogress Aachen at booth 04. In addition, this year's ACK will once again

offer a top-class lecture program, in which FEV will also participate.

Further information and accreditation: <https://bit.ly/3BcmTlj>

Lecture program: <https://bit.ly/3RHo9dj>



FEV will present innovative mobility and energy solutions at its booth at this year's Aachen Colloquium.

Source: FEV Group

About FEV

FEV is a leading international, independent service provider for hardware and software in vehicle and powertrain development, as well as the energy industry. The range of competencies includes the development and testing of innovative solutions up to series production and all related consulting services. The range of services for vehicle development includes the design of body and chassis, including the fine tuning of overall vehicle attributes such as driving behavior and NVH. FEV also develops innovative lighting systems and solutions for autonomous driving and connectivity. The electrification activities of powertrains cover powerful battery systems, e-machines and inverters. Additionally, FEV develops highly efficient gasoline and diesel engines, transmissions, EDUs as well as fuel cell systems and facilitates their integration into vehicles suitable for homologation. Alternative fuels are a further area of development. The service portfolio also includes tailor-made test benches and measurement technology as well as software solutions that allow efficient transfer of the essential development steps of the above-mentioned developments, from the road to the test bench or simulation. For defossilization of the entire energy value chain, FEV offers energy management and infrastructure solutions from a single source, which intelligently link and holistically optimize power and heat generation, mobility, and industry. The FEV Group currently employs 7,000 highly qualified specialists in customer-oriented development centers at more than 40 locations on five continents.