



FOR IMMEDIATE RELEASE

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MTS EQUIPS RENOWNED AUTOMOTIVE INSTITUTE FOR ADVANCED VEHICLE PERFORMANCE EVALUATION

Eden Prairie, Minn. – May 20, 2019 – MTS Systems Corporation (NASDAQ: MTSC), a leading global supplier of high-performance test systems, motion simulators and sensors, today announced the commissioning of an MTS Flat-Trac Handling Roadway at FKFS, a globally renowned automotive research and development institute. FKFS will deploy the roadway to enable faster evaluation of vehicle performance during innumerable real-world driving scenarios.

The Flat-Trac Handling Roadway is a state-of-the-art multiaxial simulation system, engineered to subject complete or partial automobiles to a full spectrum of maneuvers—ranging from everyday driving to highly dynamic events—in the safety of controlled and repeatable laboratory settings.

“Rapidly increasing vehicle complexity, the advent of autonomous and electric cars and intensifying global competition pose significant challenges for today’s vehicle dynamicists,” states Dr. Jeffrey Graves, MTS President and CEO. “The Flat-Trac Handling Roadway will provide FKFS and their customers a more agile, laboratory-based approach to mobility research and development, helping them assess and validate vehicle performance and new technologies far more quickly than with conventional proving ground methods alone.”

“The ability to simulate proving ground testing accurately in the laboratory enables us to initiate functional verification of a vehicle earlier in development, paving the way for more efficient proving ground testing and streamlined final validation,” says Dr.-Ing. Jens Neubeck, Head of Automotive Technology and Driving Dynamics at FKFS. “The MTS Roadway will play a critical role in establishing a more holistic development environment for testing emerging automotive technologies: the ability to engage with other lab-based systems and vehicle models using hybrid simulation will help accelerate ADAS (Advanced Driver Assisted System) validation and expedite exploration of swiftly evolving electric and autonomous vehicle technologies.”

FKFS will debut the Flat-Trac Handling Roadway and other newly acquired technologies at its upcoming *Ti³ 2019: Next Generation of Testing & Innovation* program on Thursday, May 23, 2019 at its facility on the University of Stuttgart campus. Dr. Graves will be among the featured presenters.

About MTS Systems Corporation

MTS Systems Corporation's testing and simulation hardware, software and service solutions help customers accelerate and improve their design, development and manufacturing processes and are used for determining the mechanical behavior of materials, products and structures. MTS' high-performance sensors provide measurements of vibration, pressure, position, force and sound in a variety of applications. MTS had 3,400 employees as of September 29, 2018 and revenue of \$778 million for the fiscal year ended September 29, 2018. Additional information on MTS can be found at: <http://www.mts.com>

About FKFS

The Research Institute for Automotive Engineering and Vehicle Engines Stuttgart (FKFS) is one of the leading German development service providers and cooperates closely with the Institute for Internal Combustion Engines and Automotive Engineering IVK at the University of Stuttgart. The FKFS employs some 180 highly skilled people and operates a variety of state-of-the-art testing and testing facilities, including a vehicle wind tunnel, a driving simulator, engine test benches and a powertrain test facility. Additional information on FKFS can be found at <http://www.fkfs.de/en/>.