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FOR IMMEDIATE RELEASE

CTS to Present Ground-Breaking Sensor Technology at SAE World Congress

Lisle, Ill. – CTS Corporation (NYSE: CTS) will be presenting at the Society of Automotive Engineers (SAE) World Congress April 12-14 in Detroit, Michigan – USA. These presentations will highlight a new method for sensing soot and ash levels in particulate filters for diesel and gasoline engines using radio frequency (RF) technology.

CTS' RF Sensor technology was developed in collaboration with the United States Department of Energy and National Science Foundation. It presents the ability to directly measure soot and ash levels, enabling more accurate control of aftertreatment system operations. This technology employs low-power radio frequencies (RF) to transmit and receive RF signals through a particulate filter. Soot and ash accumulation levels, as well as filter failure symptoms, are directly measured by the change in response of the RF signal. The sensor provides flexibility to engine and aftertreatment system designers when attempting to meet increasingly stringent emissions regulations and fuel efficiency standards.

Papers on this technology to be presented at the SAE World Congress include *Real-Time Engine and Aftertreatment System Control Using Fast Response Particulate Filter Sensors* in conjunction with Oak Ridge National Laboratory and *Lifetime Particulate Filter Soot and Ash Measurements using Radio Frequency Sensors and Potential for Improved Filter Management* in partnership with Corning, Inc.

CTS continues their collaboration with industry leaders in order to develop innovative technologies around the categories of Sense, Connect and Move. Most recently, CTS launched a project in partnership with the United States Department of Energy, Corning, DSNY and Oak Ridge National Laboratory to explore a non-contact sensing platform for measuring catalyst state. This technology will provide functions which are not currently possible to perform using conventional exhaust gas sensors. Technical advisors for the project include Chrysler, Cummins and Detroit Diesel.

About CTS

CTS (NYSE: CTS) is a leading designer and manufacturer of sensors, actuators and electronic components to OEMs in the aerospace, communications, defense, industrial, information technology, medical and transportation markets. CTS manufactures products in North America, Europe and Asia.



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