

Bridgestone Launches Development Project focused on Using Automated Driving for Tire Tests

Bridgestone Corporation today announced that it, together with ZMP Inc., has launched a development project aimed at utilizing automated driving in tire noise tests. This project entails outsourcing the development of an automated driving system that incorporates Bridgestone's tire test expertise to ZMP, the company that creates products and services based on its advanced robotics technologies. The companies have already succeeded in using automotive driving of manned vehicles at a Bridgestone's proving ground, and are working to achieve SAE-Level 4 automated driving of unmanned vehicles for practical application in tire noise tests in 2019



Currently, Bridgestone is conducting various tire performance tests on its proving grounds that involve test drivers operating vehicles. This new joint development project with ZMP is aimed at achieving automated driving for tire noise tests. In this project, ZMP conducts development of technologies for automated driving

of vehicles for movement within proving grounds tire noise tests using its automated driving vehicle, “RoboCar® MiniVan,” and Bridgestone’s expertise in various tire tests.

Recently, tire noise regulations have been introduced in Europe, Asia, Japan and other countries and regions around the world, a trend that is indicative of a larger movement calling for the reduction of the noise produced by tires when driving. By introducing tire noise tests using automated driving to perform tests without relying on the skills and expertise of test drivers, Bridgestone aims to improve the accuracy and efficiency of tire tests and thereby increase the quality of its tire products. In addition, Bridgestone hopes to utilize the insight gained through this project in the development of tires for self-driving cars and other next-generation automobiles.

About Bridgestone

Bridgestone Corporation, headquartered in Tokyo, Japan, is the world’s largest tire and rubber company. In addition to tires for use in a wide variety of applications, it also manufactures a broad range of diversified products, including industrial rubber and chemical products and sporting goods. Its products are sold in over 150 nations and territories around the world.

In Thailand, Bridgestone has been very successful as the market leader in tire industry throughout the period of 49 years since it was founded in 1969. Through our history, the company has shown a great determination to research, invent, and create excellent products that are suitable for domestic use. To achieve the highest standard, Bridgestone has combined well selected raw materials, state-of-the-art production facilities and machines, and highest standard of quality control. Additionally, strives to protect and preserve environment and to conduct activities for social benefits. These reflect our longstanding corporate philosophy of “Serving Society with Superior Quality.”

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