

Special Issue

Mechatronics Technology and Its Application in Intelligent Transportation

Message from the Guest Editor

The world population is already approaching eight billion people, and the number of vehicles in operation has surpassed one billion units. According to OICA (International Organization of Motor Vehicle Manufacturers) statistics, almost one hundred million vehicles are produced yearly, and the number is increasing. With further globalization, industrialization, and urbanization, the trend of the fast growth of the mobility industry is one of the main challenges of the 21st century. Mechatronics is defined as the combination of mechanical, electrical, and electronic engineering with computational power. The design of any mechatronic system is a multidisciplinary activity and is performed to attain product-related advantages, which cannot be obtained by monodisciplinary efforts. Along with the benefits from having several engineering disciplines involved in the design activity, the application of mechatronics technology may be a key factor in intelligent transportation development. This Special Issue is addressed to all types of mechatronics technology for the transportation industry.

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