Special Issue

Theory, Method and Application of New Energy and Intelligent Transportation

Message from the Guest Editors

Currently, as the number of on-road vehicles is growing fast, the number of accidents and fatalities on the roads is expected to also increase steadily in the coming years. How to rely on technological innovations to solve traffic problems is a serious challenge and a pressing issue. Intelligent Transportation Systems have provided unquestioned proof for improving road safety, sustainability, efficient road traffic, and vehicle management. It has become a research hotspot and is urgently requires wide application. Intelligent transportation is a new generation of smart civil infrastructure. As a future trend, it will significantly change the form of traditional transportation infrastructures. However, due to the high complexity of ITS, the challenges are also tremendous. The basic theories, key methods, and technologies are still developing. The construction of a large-scale, usable, and complete intelligent transportation systems are still being explored. To promote such processes, the crossdisciplinary cooperation, complex system simulation and control, ultra-large-scale data communication and processing, and distributed management will be highly involved.

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Message from the Editor-in-Chief

The World Electric Vehicle Journal is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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