World Electric Vehicle Journal

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Advanced X-by-Wire Technologies in Design, Control and Measurement for Vehicular Electrified Chassis

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Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Advanced X-by-wire technologies for vehicular electrified chassis play an essential role in the development of new energy intelligent vehicles, which is the inevitable choice for intelligent vehicles in the future. This technology is involved in mechanical engineering, electronic and electrical engineering, computer technology, control engineering, signal processing, and artificial intelligence. Advanced electrified chassis control technology transmits control signals through cables and acts directly on the actuator to implement corresponding actions. The application of X-by-wire technologies for vehicular electrified chassis has changed the complex mechanical connections among actuators and hydraulic and pneumatic equipment in the past, greatly promoting energy efficiency, integration, and intelligence.

This Special Issue focuses on advanced X-by-wire technologies in strong reliability design, modeling, integration control, thermal management, energy management, fault diagnosis, and fault-tolerant control with the vehicular electrified chassis.

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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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