

Special Issue

Sustainable Vehicle Drives

Message from the Guest Editor

In recent years, we have been able to follow exciting progress in the research area of sustainable vehicle drives. Driven by the need to significantly decrease the CO₂ emissions of the transportation sector to reduce the consequences of climate change, disruptive technologies have been of great interest. Here, the three aspects of the sustainability triangle, namely, ecological aspects, economics and social affairs, must be considered integrally. The increasing number of alternative powertrain solutions as well as the growing use of new methodologies such as machine learning, optimization and the use of big data within powertrain applications are promising developments for addressing these pertinent topics. For this Special Issue, we are seeking original contributions within this research area. Topics include, but are not limited to, new powertrain topologies and concepts, developments to increase efficiency and reduce emissions, naturalistic driving studies, sustainable solutions for commercial vehicles as well as the application of modern methods in powertrain applications design.

Guest Editor

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