



Hybrid Vehicle Technologies for a Sustainable Future Mobility

Guest Editors:

Dr. Antonio Garcia

CMT—Motores Térmicos,
Universitat Politècnica de
València, Camino de Vera s/n,
46022 Valencia, Spain

Dr. Javier Monsalve

CMT - Motores Térmicos,
Universitat Politècnica de
València, Camino de Vera s/n,
46022 Valencia, Spain

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Message from the Guest Editors

Dear Colleagues,

The global warming problem has been accelerated recently, because the vehicle fleet around the world has increased exponentially. The governments are establishing more restrictive emissions regulations, imposing drastic reductions in the CO₂ levels allowed to be emitted from the vehicles fleet. The combination of electric machines with conventional powertrains can diversify the powertrain architectures and bring the opportunity to save energy in greater extents. Thus, the development of novel powertrain solutions with different electrification degrees is required to obtain environmentally friendlier vehicles that ensure a sustainable future mobility.

This Special Issue encourages both academic and industrial researchers working in this field to share their latest findings and developments on hybrid vehicles. The topics of interest include (but are not limited to):

- Experimental studies on hybrid platforms;
- Development of control strategies to optimize the energy management;
- Simulation studies about performance and emissions in driving cycles;
- New hardware development for hybrid vehicles;
- Life cycle analysis studies of hybrid vehicles.





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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