

## Special Issue

# Frontiers in Mechatronics Systems for Automotive

### Message from the Guest Editors

In recent decades, new vehicles' design goals have proposed the use of lighter components and cost-effective, environmentally friendly systems. Diverse efforts have been devoted to reconciling the different design goals in vehicles at a system level. In this context, mechatronic solutions have enhanced the automobile in its different subsystems with smart chassis and powertrain devices. This trend has gained substantial momentum due to the electrification of the powertrain, which has enabled the inclusion of more electric components. More than ever, automotive technologies need to deliver simultaneously high performance and minimum energy consumption. This Special Issue aims to highlight trending systems in automotive mechatronics for chassis and powertrain, with a particular focus in energy efficiency.

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### Guest Editors

Dr. Angelo Bonfitto

Prof. Dr. Renato Galluzzi

Prof. Dr. Nicola Amati

Prof. Dr. Ricardo A. Ramirez-Mendoza

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### Deadline for manuscript submissions

closed (20 April 2022)



## Applied Sciences

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### 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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### Editor-in-Chief

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