

Special Issue

High Performance Motor Drives

Message from the Guest Editor

I am inviting submissions to a Special Issue of the *Applied Sciences* journal on high-performance motor drives. We aim at collecting high-quality research papers with a special focus on developments that improve on the performance and efficiency of today's electric motor drives. According to some estimates, electric motors account for 45% of total global electricity consumption, and this figure can only increase as electric mobility becomes increasingly common in the coming decades. Enhancements in the performance and efficiency of motors and motor drives have potentially far-reaching effects on the industry, economics, the environment, and quality of life on Earth. Topics include but are not limited to analysis, modeling, design, simulation, diagnostics, applications, model-predictive control, and sensorless control of electric drives.

Guest Editor

Prof. Dr. Carlo Concarì

Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze 181/A, 43124 Parma, Italy

Deadline for manuscript submissions

closed (30 September 2021)



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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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About the Journal

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.

Editor-in-Chief

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

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