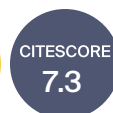




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Key Technologies for Intelligent Electric Vehicles

Guest Editors:

Dr. Michela Longo

Department of Energy,
Politecnico di Milano, 20156
Milan, Italy

Dr. Ryosuke Ota

Department of Electrical
Engineering and Computer
Science, Faculty of Systems
Design, Tokyo Metropolitan
University, Tokyo 191-0065,
Japan

Deadline for manuscript
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closed (30 September 2024)

Message from the Guest Editors

Dear Colleagues,

In recent years, growing environmental awareness has motivated the automotive industry to seek sustainable solutions that enable the environmental impact of vehicles to be reduced. In this context, dynamic charging technologies for Electric Vehicles (EVs) are emerging as an innovative solution, with smart roads playing a key role in realizing this vision.

Dynamic charging offers an innovative alternative, enabling EVs to recharge while on the move. Smart roads, integrated with dynamic charging systems, are the key link for this technology. These roads are equipped with sensors, communication systems, and wireless transmission technologies that enable vehicles to receive power as they move along the road. Thus, smart roads represent the essential framework for this new mobility, being a hybrid and multichannel technology offering the seamless integration of online and offline.

This Special Issue invites scholars to contribute research, case studies, and reviews in order to present findings, methods, and models that are useful in defining the role of electric transportation systems in the development of sustainable mobility for both people and goods.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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