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## Wireless Charging for Electric Vehicles

Guest Editors:

**Prof. Dr. Pedro Roncero-Sanchez**

Electrical and Electronic Engineering and Control Systems, University of Castilla-La Mancha, Ciudad Real, 13071 Ciudad Real, Spain

**Dr. Javier Vázquez**

Research Lab of Industrial Electronics and Power Quality, Universidad de Castilla-La Mancha, 13001 Ciudad Real, Spain

Deadline for manuscript submissions:

**closed (31 December 2019)**

### Message from the Guest Editors

The objective of this Special Issue is to publish the most recent theoretical and practical research results of wireless power transfer applied to the charge of electric vehicles, preferably with a focus on the latest standard SAE-2954. The topics of interest include, but are not limited to, the following technical areas:

- Wireless power transfer topologies for charging electric vehicles (inductive, capacitive, etc.).
- Design of magnetic coupling stages for wireless power transfer.
- Control design of wireless power transfer systems applied to the charge of electric vehicles.
- Resonant topologies, resonant converters, and power electronics.
- Modeling and simulation of in-motion wireless charging for electric vehicles, or OLEV (on line electric vehicles).
- Modeling, analysis, and simulation of bidirectional wireless power transfer systems applied to the vehicle-to-grid (V2G) concept.
- Vehicle alignment systems for wireless chargers.

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## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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