



Charging Infrastructure for Electric Vehicles

Guest Editor:

**Prof. Dr. Peter Van den
Bossche**

MOBI—Electromobility Research
Centre, Department of Electrical
Engineering and Energy
Technology, Faculty of
Engineering Sciences, Vrije
Universiteit Brussel, 1050 Brussel,
Belgium

Deadline for manuscript
submissions:

closed (2 August 2019)

Message from the Guest Editor

Dear Colleagues,

Electric vehicles have very strong sustainability potential. In urban traffic, due to their beneficial effect on the environment, electric vehicles are an important factor in the improvement of traffic and more particularly in developing a healthier living environment. They must be supplied with clean and sustainable electric energy, for which charging infrastructure is needed. This Special Issue will focus on current and future developments in the field of conductive charging infrastructure, which is the prevalent technology in use, addressing the newest developments and going beyond the state-of-the-art. The aspects to be covered are thus quite wide, encompassing technical, economical, and ecological issues concerned with the charging process including system design, operation of the smart grid with bidirectional energy flow, business exploitation, etc. Prospective authors are invited to submit original contributions/articles for review and for possible publication in this Special Issue.

Prof. Dr. Peter Van den Bossche

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

MOBI—Electromobility Research
Centre, Department of Electrical
Engineering and Energy
Technology, Faculty of
Engineering Sciences, Vrije
Universiteit Brussel, 1050 Brussel,
Belgium

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), and [other databases](#).

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q2 (Automotive Engineering)

Contact Us

World Electric Vehicle Journal
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/wevj
wevj@mdpi.com