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Advanced Electrification for Transportation and Built Environment

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 March 2017)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will publish high-quality peer-reviewed papers on the latest technologies that are currently advancing electrification in land, sea, and air transportation, as well as in the built environment. The topics include, but are not limited to, the following:

- Electric power distribution in more-electric aircrafts
- Electrical propulsion for ships
- Marine power systems and alternative maritime power (cold ironing)
- Electric and hybrid-electric railway systems
- DC and hybrid AC/DC power distribution in transportation and built environment
- Intelligent nano-grids in buildings and community-scale micro-grids
- High density power electronics
- High ambient temperature power systems
- Energy storage systems for transportation and built environment applications
- Condition monitoring and health prognosis for power systems components
- Distributed generation and renewable energy sources
- Electric vehicles and charging infrastructure
- Deregulated electricity markets



mdpi.com/si/6826

Prof. Dr. King Jet Tseng
Guest Editor

Special Issue



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Message from the Editor-in-Chief

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