



Wind Turbine Power Systems

Guest Editor:

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submissions:

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Message from the Guest Editor

Wind turbines are expected to become, the leading technology for electricity production from a renewable energy source, likely as a result of multifaceted improvements in the efficiency of wind kinetic energy conversion. On the grounds of this premise, the present Special Issue calls for contributions on innovations in aspects related to wind turbine technology.

The privileged topic is power electronics in wind turbine applications but, since there are several possible directions for optimizing wind turbine power, the scope of the Special Issue is wide. Suitable topics include but are not limited to:

- Power electronics in wind turbine applications;
- Wind turbine electrical circuits and devices;
- Wind turbine power control and monitoring;
- Wind turbine control innovation, design and testing;
- Wind farm control;
- Early fault diagnosis and condition monitoring;
- Soft computing and information processing applications in wind power technology;
- Innovations in sensory systems and measurement technology for wind energy;
- Wind turbine components aging, operation and maintenance, end of life issues;
- Signal processing applications;
- Micro wind turbine technology and smart mini grids.





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Message from the Editor-in-Chief

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