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Innovative Methods for the Control of Very Large Wind Turbines

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Deadline for manuscript
submissions:

closed (24 February 2023)

Message from the Guest Editor

Dear Colleagues,

The main objective of this Special Issue is to present innovative control approaches, using which control engineers will be able to tackle the challenge of dominating such immense wind energy converters. It is hoped that this call will arouse the interest of many control engineering colleagues who are already working in the field, as well as others who are in search of new inspiring challenges. To this end, a copious number of submissions are encouraged. We welcome studies and research which address but are not limited to the following topics:

- control of very large wind turbines
- innovative control methods
- real-time control
- hardware-in-the-loop simulation
- advanced mathematical algorithms
- innovative modelling techniques for wind turbines
- multi-objective optimization
- adaptive control systems
- new estimation methods for wind turbines
- anti-windup methods for pitch control

Dr. Adrian Gambier
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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