

# Wind Farms: from Design to Operation

a Mini-Symposium promoted by:

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in conjunction with the

## **4<sup>th</sup> International Conference on Numerical and Symbolic Computation Developments and Applications (SYMCOMP2019)**

[symcomp2019.dem.isel.pt](http://symcomp2019.dem.isel.pt)

This Mini-Symposium can be a great opportunity for scientists and engineers from academia and industry to share their scientific findings and novelties in the field of Wind Energy. This session regarding a broad spectrum of topics from the Design of each Wind Turbine and its assembly in a Wind Farm, to different aspects related to in service operational management, encompassing structural health monitoring or grid management.

This multidisciplinary session will cover, but are not limited to, the following topics:

- Data management and processing;
- Computational intelligence;
- Structural health monitoring;
- Damage assessment;
- Structural analysis;
- Turbulence assessment;
- Fluid-structure interactions;
- Wind power integration in the electrical grid;
- Wind power and electricity markets;
- The economics of wind power.

Abstract submissions are opened and all the details can be found in

[symcomp2019.dem.isel.pt](http://symcomp2019.dem.isel.pt)

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