

## **COMPUTATIONAL METHODS FOR WIND ENERGY**

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### **MINISYMPOSIUM**

Wind energy industry is continuously advancing toward massive size wind turbines and offshore installations, on deeper waters far from the shore. As a result, engineering processes -- including design, testing, manufacturing, and O&M of these systems -- increasingly depend on accurate and efficient simulation methods. This minisymposium aims to present and share the latest knowledge and advancements in the application of computational methods to wind energy. We welcome presentations covering topics such as multiscale and multiphysics simulations for the wind and atmospheric boundary layer, both floating and fixed-bottom offshore wind energy, onshore and not-conventional wind energy applications, dynamics of large wind farms systems, environmental impact, as well as fluid and solid mechanics and fluid-structure interactions of turbines and sub-structures.