

# SciTech 2022 | Wind Energy

## Additional Information

### Wind Energy Best Paper Award

The Wind Energy Technical Committee will consider papers for the Best Paper Award. The Best Paper Award will be selected based on the quality, originality, and relevance of the presentation and the written paper. Please address any questions to the Technical Chair.

### Joint Sessions

The Wind Energy Technical Committee will be sponsoring three joint sessions with other related technical disciplines.

- A joint session with [Non-Deterministic Approaches \(NDA\)](#), entitled “Uncertainty Analysis Advancements for Wind Energy Applications,” will showcase recent progress in uncertainty quantification.
- A joint session with [Aerodynamic Measurement Technology \(AMT\)](#), entitled “Instrumentation for Challenging Environments”, will cover common instrumentation challenges for both surface and flow-field measurements among rotorcraft, turbomachinery, fixed wing, and wind energy applications. Papers addressing atmospheric/aerodynamic/structural instrumentation that overcomes such challenges are encouraged in this session.
- A joint session with [Applied Aerodynamics \(APA\)](#), entitled “Wind Turbine/Rotorcraft/Propeller Multi-Physics Modeling Approaches”, will highlight the related physics and modeling approaches between the rotorcraft, propeller, and wind energy research communities. Individuals with rotary-wing aerodynamics, aeroelasticity, and structural dynamics experience are strongly encouraged to submit to this session. Papers focused on laminar to turbulent transition modeling or experiments are also encouraged to apply to this session.

### Technical Chairs

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