

Day 2, Panel 2

Modeling Challenges for Wind Energy



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Day 2 Break-outs – 10:30

Parallel Session 1: Details of Downscaling

- Turbulence Generation – Domingo Munoz-Esparza, NCAR
- Terra Incognita Research – Raj Rai. PNNL
- The Gap Between Modelers and End-Users - Pep Moreno, Vortex

<https://zoom.us/j/92156101707?pwd=Qy96bnB3Q1FreGdQbFhUUeswS3RGQT09>

Meeting ID: 921 5610 1707

Passcode: 926409

Parallel Session 2: Modeling for Turbines

- Use for Loads – Eliot Quon, NREL
- Modeling for Controls - Paul Fleming, NREL
- Modeling Challenges - Jennifer Newman, REsurety, Inc.
- Modeling for Plant Design - Shreyas Ananthan, NREL

<https://zoom.us/j/99695838119?pwd=TTBwUmZWWkF5c2pjYlBHc202MDJEZz09>

Meeting ID: 996 9583 8119

Passcode: 454807

Parallel Session 3: Using AI in Atmospheric Modeling

- Better ML models of the Surface Layer - David John Gagne, NCAR
- Downscaling with Deep Learning - Ryan King, NREL
- Improving Forecasts with ML –Daniel Kirk-Davidoff, UL/AWS Truepower

<https://zoom.us/j/96471033233?pwd=RUICRXZhMXhDSHI3SVZmbFJZVTZmZz09>

Meeting ID: 964 7103 3233

Passcode: 235426

11:30 Return to Main Room at: Join Zoom Meeting

<https://zoom.us/j/98569475660?pwd=RnVGcGpTRGJzZG5XbVR1K1kzblolodz09>

Meeting ID: 985 6947 5660

Passcode: 622014