

# TOPICAL EXPERT MEETING #110

## Wind Energy Instrumentation Development

### Meeting Location

Omni Interlocken Hotel – Pine Room  
 500 Interlocken Boulevard, Broomfield, Colorado, 80021  
 November 2, 2023 | 8:00 a.m. – 3:30 p.m. Mountain Time

### Agenda

#### Thursday November 2, 2023

8:00 a.m.	<b>Meet and Greet</b>
8:10 a.m.	<b>Introductions</b>
8:20 a.m.	<b>Goals for the day</b> Tommy Herges, Sandia National Laboratories
8:30 a.m.	<b>Examples from the Instrumentation Development Roadmap</b> Tommy Herges, Sandia National Laboratories
8:50 a.m.	<b>Offshore PIRT (example of how to select instruments and instrument gaps)</b> David Maniaci, Sandia National Laboratories
9:15 a.m.	<b>Example of validation study dependence on instrumentation, successes and gaps</b> Raghu Krishnamurthy, Pacific Northwest National Laboratory
9:30 a.m.	<b>Large group discussion defining the process and outcomes of the task</b>
10:00 a.m.	<b>Break</b>
10:20 a.m.	<b>Break out group discussion 1</b> Instrumentation gaps and opportunities (3 groups)
11:00 a.m.	<b>Other recommended experiments and instrument selections/gaps from Offshore Validation Experiment Roadmap</b> David Maniaci, Sandia National Laboratories
11:20 a.m.	<b>Break Out Session 1</b> Results Summary
11:30 a.m.	<b>Presentation on instrumentation development and barriers/challenges from lessons learned</b> Pourya Nikoueeayan, Resono Pressure Systems, Inc.
11:50 a.m.	<b>Break out group discussion 2</b> Implement the process from session 1 to identify challenges and barriers (3 groups)
12:30 p.m.	<b>Working lunch</b> with Status Report on the Grand Challenges by Paul Veers, National Renewable Energy Laboratory
1:30 p.m.	<b>Presentation on instrumentation development success and challenges</b> Doug Norton, LUNA Jacob Nadolsky, Texas Tech University
2:10 p.m.	<b>Full Group Discussion</b> Steps on coordinating an IEA task on instrumentation development
3:30 p.m.	<b>Adjourn</b>