



# SALOME Workshop

## OpenFAST & Wind Energy Modeling

24<sup>th</sup> March 2026

Université du Littoral, MREI1

145, Avenue Maurice Schumann  
59140 Dunkerque



Registration form to the SALOME Workshop



LINK

**10:00 - 10:30 | Reception**

**10:30 - 11:00 | Opening Session**

- Welcoming Speech & Introduction: Patrick Augustin (ULCO)  
*Topic: Introduction to coastal meteorological phenomena.*

**11:00 - 11:40 | Session 1  
Introduction to OpenFAST**

- 11:00 | Sayahnya Roy  
*Understanding Module Interaction and Atmospheric Forcing in OpenFAST*
- 11:20 | Benjamin Mei  
*Integrating OpenFAST & Simulink*

**11:40 - 12:20 | Session 2  
Application of OpenFAST to the SALOME Project**

- 11:40 | Marie Derison  
*Leveraging OpenFAST simulations to support ML-based load prediction.*
- 12:00 | Victor Torres  
*Using OpenFAST for Structural Assessment of Wind Turbine Participation in Frequency Reserve Services.*

**12:20 - 13:30 | Lunch Break**

**13:30 - 14:30 | Session 3  
OpenFAST Results, challenges and discussions**

- 13:30 | Sayahnya Roy  
*From LiDAR Inflow to Power Prediction: OpenFAST-SCADA Comparison for the Fiefs Wind Turbine.*

- 14:00 | Benjamin Mei  
*Same turbine, different loads: controller comparison in OpenFAST-Simulink.*

**14:30 - 15:30 | Session 4  
Parallel Tracks (Choose one)**

- Option A: Technical Hands-on Session

*OpenFAST installation and configuration on participants' computers.*

- Option B: Laboratory Tour

