



# 5<sup>TH</sup>

## INTERNATIONAL SYMPOSIUM ON FRONTIERS IN OFFSHORE GEOTECHNICS

9<sup>TH</sup>-13<sup>TH</sup> JUNE 2025

LA CITÉ NANTES  
CONGRESS CENTRE

5 rue de Valmy  
44000 Nantes, France

350  
delegates

(industry leaders, researchers and experts) are expected during this 5 day symposium.

18 sessions  
over 4 days

- 6 plenary sessions
- 6 parallel technical sessions
- Communication sessions
- 1 Honorary McClelland Lecture
- 1 Bright Spark Lecture

1 offshore visit at the Saint-Nazaire wind farm\*

Located between 12 and 20 km from the west coast of France, the offshore wind farm will help support the French State's energy transition goals and supplies the equivalent of the electricity consumption of 700,000 people. By providing secure, low carbon, affordable and reliable energy, Saint-Nazaire is also responding to the global energy challenge at a crucial time.

*\*to be confirmed*

### Mains topics of lectures

ISFOG 2025 will highlight cutting-edge technologies, with a spotlight on the evolving landscape of offshore renewables, including the shift to floating wind farms. Explore geotechnical challenges faced by both the oil and gas and wind industries, with insights delivered by a distinguished speaker in the 7th Honorary McClelland lecture.

### Conferences themes will include :

- 1- Site investigation strategies, geohazards and integrated studies
- 2- Site characterisation, in-situ and laboratory testing, measurement
- 3- Constitutive models and soil behaviour modelling
- 4- Ground models
- 5- Data Analytics and Machine Learning
- 6- Pile Installation Challenges and Decommissioning in sands and clays: monopiles, anchor piles, pin piles
- 7- Pile design and installation in challenging soil conditions: glauconite, carbonated soils, cemented soils, gravels and rocks
- 8- Monopile design to lateral monotonic loads
- 9- Monopile design to cyclic loads: quasi-static, dynamic and seismic loads
- 10- Jacket pin piles design: capacity, long-term cyclic loading, seismic loads
- 11- Suction-installed foundations and anchors
- 12- Gravity base foundations, Drag and Plate Anchors
- 13- Developmental foundation and anchoring concepts: hybrid foundations, ring anchors, helical piles, torpedo, shared anchoring
- 14- Spudcans: penetration, extraction, interactions
- 15- Mooring lines, Cables, Pipelines, Immersed tunnels and Risers
- 16- Trenching, ploughing, excavation and burial
- 17- Design Standards, Certification and Risk Mitigation

### Organizing Committee

With the support of the ISSMGE, represented by the French geotechnical society (CFMS), this event is organized by a French mirror group of the TC209 and will provide a global perspective on offshore geotechnics.

- Co-Chair: Luc Thorel (Université Gustave Eiffel) and Elisabeth Palix (EDF Renewables)
- Treasurer: Thierry Dubreucq (Université Gustave Eiffel)
- Co-General secretary: Christelle Abadie (Université Gustave Eiffel) and Sylvie Bretelle (Antea Group)
- Co-Chair scientific committee: Régis Wallerand (Total Energies) and Matthieu Blanc (Université Gustave Eiffel)
- Administrative secretary: Anne-Laure Morand (Université Gustave Eiffel)
- Communication: Anaïs Coulon-Toutain (Université Gustave Eiffel)
- Logistics: Christelle Laurent (Université Gustave Eiffel)
- Sponsors: Matthieu Blanc (Université Gustave Eiffel)
- Honorary Member: Alain Puech (Fugro)
- PCO: Stéphanie Delbecq (AS connect)

### Members:

Jean-Christophe Ballard (Fugro)  
Denys Borel (Fugro)  
David Collard (Total Energies)  
François Coste (Technip Energies)  
Christophe Dano (Université Grenoble Alpes)  
Dinh-Hong Doan (TOTAL Energies)  
Sandra Escoffier (Université Gustave Eiffel)  
Dominique Follut (Waemec/Centrale Nantes)  
Emmanuelle Gautier (Cathie Group)  
Judith Lascols (BayWa.re)  
Donatienne Leparoux (Université Gustave Eiffel)  
Zheng Li (Université Gustave Eiffel)  
Hussein Mroueh (Université Lille)  
Edy Serra (Subsea 7)  
Cristian Soriano-Camelo (Université Gustave Eiffel)  
Abed Soubra (Nantes Université)  
Benjamin Souviat (Oxan Energy)  
Nabil Sultan (Ifremer)  
An-Ninh Ta (Saipem)