

Conference programme

15-17 October 2024
Brest, France

3 high level sessions

Tuesday 15th, Wednesday 16th and Thursday 17th – early afternoon
Topics: Maritime safety, security and environment

31 workshops

Tuesday 15th

- **Funding opportunities to facilitate Franco/Irish collaboration in the blue economy**
by Enterprise Ireland (the Irish government's enterprise development agency supporting business in their international development)
- **An integrated approach for marine debris cleanup**
by IEEE (a technical professional organization dedicated to advancing technology and engineering for the benefit of Humanity)
- **Impact of connected systems and AI on the safety and security of navigation**
by the Ecole Navale (the French Naval Academy)
- **Maritime innovation and IP strategy**
by Germain Maureau (expert in IP due intelligence)
- **Offshore seaweed cultivation, an emerging industry: structural durability and biosafety issues**
by the Institut de la Corrosion (laboratory of research and consultancies in corrosion)
- **Digital transformation of nautical information: innovations and prospects for safer navigation**
by the Shom (the French public operator for maritime and coastal geographic observation)
- **IUU fishing: a global threat for marine environment and food security**
by the IRSEM (the French Institute for Strategic Research)

Wednesday 16th

- **Beyond the net zero research vessels to merge, which impact on the embarked research process?**
by Esprit de Velox (pioneering programme for bio-inspired and energy self-sufficient vessel designing)
- **Maritime safety during construction phase of an offshore windfarm in France: challenges and actions**
by Iberdrola (a company specialising in renewable energy and energy transition)
- **Safety, regulations and procedures: from production to final use**
by BrestPort (a port located at the crossroads of major maritime currents on one of the world's most beautiful shipping route)
- **Ocean preservation: crossed perspectives between France and Malaysia**
by the Embassy of France to Malaysia and the GICAN (a French maritime industry organisation)
- **How to prevent collisions at sea?**
by Bretagne Développement Innovation (Brittany's regional innovation and economic development agency)



● **Drones in support of territories (6th edition)**

by the Cerema (the major French public agency for developing public expertise in the fields of urban planning, regional cohesion, and ecological and energy transition)

● **Offshore wind energy: securing provisioning of renewable energy in EU – safety & security issues**

by BrestPort

● **Shared use of marine aids to navigation**

by the Direction InterRégionale de la Mer Nord-Atlantique, Manche-Ouest (a decentralised government department responsible for maritime policies and sea users)

● **A common strategy and roadmap for the maritime transport decarbonisation in Europe**

by the Pôle Mer Bretagne Atlantique (an economic development cluster dedicated to the marine sector)

● **Smart green port**

by Enterprise Ireland



Thursday 17th

● **Safety related to hydrogen and new fuels on board ships and in port facilities**

by Bretagne Développement Innovation

● **Deep sea monitoring**

by IEEE

● **Submarine telecom cables: new projects for ocean and earthquake observation, and cable health monitoring (STORM)**

by Geo-Ocean (a research lab on marine geology and associated topics)

● **Ammonia as a maritime fuel: bridging knowledge gaps for a safe and green future**

by the Cedre (international experts in accidental water pollution)

● **France-Ireland workshop on cybersecurity risks and challenges in the maritime sector**

by UBO (University of western Brittany, France)

● **Exploitation and valorization of maritime data**

by the Pôle Mer Bretagne Atlantique

● **Imagineries of the sea in Ireland's arts, literature and culture**

by the Institute of Art, Design and Technology (Dun Laoghaire's technological institute focusing on art and design) and the University Rennes 2 (France)

● **Drones and digital technologies for maritime observation**

by the Cerema

● **Autonomous monitoring: from surface to seabed**

by Exail (a leading high-tech industrial group specialised in cutting-edge robotics, maritime, navigation, aerospace and photonics technologies)

● **Maritime cybersecurity: advanced technical solutions for the resilience of the maritime sector**

by France Cyber Maritime (a non-profit organisation dedicated to tailored cyber security solutions) and Bretagne Développement Innovation

● **How can a better weather forecast improve routing and safety at sea?**

by Marine Weather Intelligence (a company dedicated to weather analysis and marine weather routing)

● **Maritime safety and security in the polar oceans**

by UBO and Nord University (University of Bodø, Norway)

● **Safety and resilience at sea**

by the Pôle Mer Bretagne Atlantique

● **Innovative applications of drones and autonomous vehicles in marine environments**

by Indian Institute of Technology (ITT Goa India)

