

# Conference programme

15-17 October 2024

Brest, France



2021 United Nations Decade  
of Ocean Science  
for Sustainable Development



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## 3 high level sessions

### 15 October: Maritime security

- **Vincent Kerbaol**  
Site Director at CLS Brest
- **Roland Joannic**  
Head of the Coastguard, Cyber and Deep Seabed Operations at SG Mer
- **Guillaume Muller**  
French Customs and Excise Department (DGDDI)
- **Capitaine de Fregate Thomas Scalabre**  
Director of the MICA Center
- **Xavier Rebour**  
Director of France Cyber Maritime

### 16 October: Maritime environment

- **Sébastien Smet**  
Head of Services at Actimar
- **Fabien Boileau**  
Director of Marine Protected Areas at the French Office for Biodiversity
- **Sandrine Barbier**  
Deputy Director of Legal Affairs at the Ministry of European and Foreign Affairs
- **Frédéric Hébert**  
Director of the Sustainable Development Department at EMSA  
(European Maritime Safety Agency)

### 17 October: Safety at sea and resilience

- **Pierre-Yves Dupuy**  
Director of Institutional Missions and International Relations, Shom
- **Christophe Logette**  
Director of Cedre
- **Éric Levert**  
Deputy permanent representative at the IMO
- **Paul Hegarty**  
Head of the National Maritime College of Ireland
- **Barbara Sellier**  
Deputy Head of Unit for Maritime Safety at European Commission,  
DG Mobility & Transport



# 30 workshops

 Tuesday 15<sup>th</sup>

- **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)
- **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) and Chaire 4M from Sciences Po Rennes
- **An outside workshop: Maritime dronization: Welcome to Brest**  
by Brest Métropole. Location: Maritime station, Quai Georges Lombard, Commercial port, Brest

 Wednesday 16<sup>th</sup>

- **DGA and innovation : a collaborative work to achieve success**  
by DGA Naval Systems
- **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)
- **Green fuels for the maritime sector: challenges, risks, and ways forward**  
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 (6<sup>th</sup> 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)



- **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)

- **Navigating the future: Seaport connectivity and Ireland's offshore wind energy**

by Enterprise Ireland

- **Norwegian expertise in offshore installation, maritime operations and safety**

by Innovation Norway

 **Thursday 17<sup>th</sup>**

- **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

- **Imaginaries 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

- **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 (IIT Goa India)





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# Maritime Safety & Security

15-17 Oct. 2024 - Brest, France



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