

Conference programme

15-17 October 2024

Brest, France



2021 United Nations Decade
of Ocean Science
for Sustainable Development



In partnership
with



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du Parlement européen

Under the
patronage of



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

- **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



29 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) and Chaire 4M from Sciences Po Rennes



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)
- **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 (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)



- **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

 **Thursday 17th**

- **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
- **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)

