

OCEANS

CONFERENCE & EXPOSITION

2025

BREST



2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development

PROGRAM

WORKSHOP

SHIP/WHALE COLLISIONS

JUNE 16, 2025, FROM 08:30 A.M. TO 06:30 P.M.
PRELIMINARY TO IEEE "OCEANS CONFERENCE" (AT QUARTZ, **BREST**) **FRANCE**.



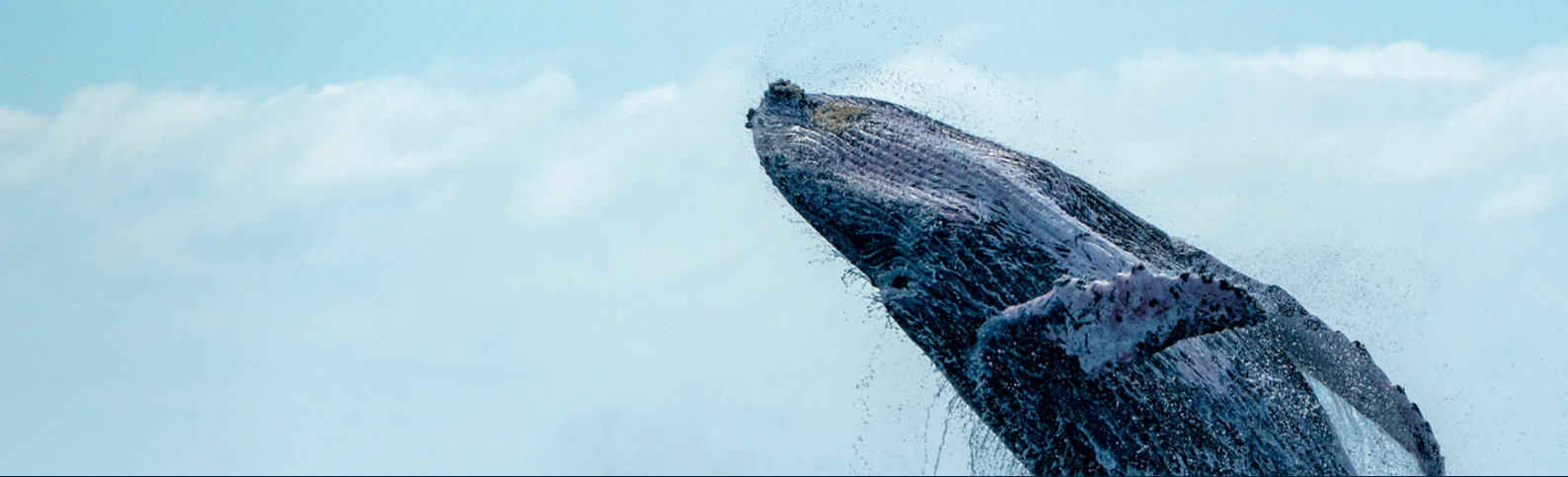
WITH THE EUROPEAN PROJECTS



Program developed under the coordination of Mr. Damien Demoor, global Chairman, with the valuable collaboration of Ms. Aurore Morin, Mr. Simone Panigada, Mr. Olivier Adam, Ms. Charlotte Curé, co-Chairwomen/men as well as Mr. René Garello, organizer of the IEEE OCEANS 2025 conference and with the support of Madam Caroline Bourgeois, manager of the workshop.

We would like to thank the partner organizations for their contribution : IEEE Oceanic Engineering Society, Marine Technology Society, GREENOV and the European projects LIFE-SEAQDETECT & HEU- SAFENAV supported by the UE .

A special thanks goes to all the speakers that will share their knowledge and expertise : Natacha Aguilar de Soto, Léa David, PELAGOS team, Damian Foxall, Romain Jan, Auriane Virgili, Nino Pierantonio, Tim Collins, Charles Mars, Rémi Emmetière, Thomas Folegot, Emily Charry Tissier, Shaban Almouahed, Fabien Demangel, Vincent Devrillon, Aurore Morin, Virgil Zetterlind, Jessica Scott, Loanne Pichot, Lucia Bergantini, Leila Fouda, Laurine Gounot & Pierre Beaufilets.



 WELCOME & COFFEE

8:30-8:50
A.M. 

OFFICIAL OPENING AND GENERAL INTRODUCTION
BY DAMIEN DEMOOR GENERAL CHAIRMAN, GREENOV

8:50-9:00
A.M.

CHAIRWOMAN
AURORE MORIN
IFAW

INTRODUCTION ON COLLISIONS AT SEA AND THEIR CONSEQUENCES

9:00-10:10
A.M.

NATACHA AGUILAR DE SOTO
IEO INSTITUTO ESPAÑOL DE OCEANOGRAFIA (CSIC)

Fast line to deep extinction risk

9:10-9:25
A.M.

LÉA DAVID
ECO OCEAN INSTITUTE

What can we learn from 83 Near Miss Events involving three cetacean species observed from ferry command deck? A Mediterranean case

9:25-9:40
A.M.

DAMIAN FOXALL
MMAG

Measuring the scale of collisions with marine life across the sailing sector (1818-2024)

9:40-9:55
A.M.

PELAGOS SANCTUARY

The ongoing efforts of the Pelagos Agreement in the context of the NW Mediterranean PSSA

9:55-10:10
A.M.

CHAIRMAN
SIMONE PANIGADA
TETHYS RESEARCH INSTITUTE

UNDERSTANDING THE PHENOMENA

10:10-11:20
A.M.

TIM COLLINS
WCS WILD CONSERVATION SOCIETY

Satellite telemetry reveals potential interactions and vessel strikes risks for migrating Indian Ocean humpback whales

10:20-10:35
A.M.

AURIANE VIRGILI
SHARE THE OCEAN

Development of an encounter model to assess the risk of encountering cetaceans during offshore races

10:35-10:50
A.M.

NINO PIERANTONIO
TETHYS RESEARCH INSTITUTE

Investigating the dynamics of whale-vessel collisions through biologging and AIS data: a focus on fin whales in the north-western Mediterranean PSSA

10:50-11:05
A.M.

ROMAIN JAN
GREENOV

Modeling whale acoustic reception of vessel in route for collision

11:05-11:20
A.M.

 COFFEE BREAK

11:20-11:45
A.M. 

CHAIRMAN
OLIVIER ADAM
SORBONNE UNIVERSITY

CURRENT AND INNOVATIVE CETACEAN DETECTION METHODS PART.1

11:45-12:55
A.M.-P.M.

CHARLES MARS
OCEANIA

Ocean watch anti-collision program - Protecting humpback whales in French Polynesia

11:55-12:10
A.M.-P.M.

RÉMI EMMETIÈRE
ALSEAMAR

Autonomous PAM platforms for marine mammal detection and alerting: capabilities and limitations

12:10-12:25
P.M.

THOMAS FOLLEGOT
QUIET OCEANS

SEA DETECT a Passive Acoustic Monitoring system to mitigate ship strikes in the Pelagos Sanctuary

12:25-12:40
P.M.

EMILY CHARRY TISSIER
WHALE SEEKER

Advancing AI-Powered Marine Mammals Monitoring : Insights from Möbius, Möbius Observer, and Cetus.

12:40-12:55
P.M.

 LUNCH BREAK ON SITE

1:00-2:25
P.M. 

CHAIRMAN
OLIVIER ADAM
SORBONNE UNIVERSITY

CURRENT AND INNOVATIVE CETACEAN DETECTION METHODS PART.2

SHABAN ALMOUAHED
SEA AI

Real-Time Whale Detection: Enhancing Marine Mammal Protection in High-Traffic Ocean Regions

FABIEN DEMANGEL
NEXVISION

Cutting edge optronics system for on board cetacean detection

LEILA FOUDA
UNIVERSITY OF NEW
BRUNSWICK

How do area-restricted dynamic ocean management measures affect risky activities in adjacent areas? A case study on whale-vessel strikes

LAURINE GOUNOT
MIRACETI
PIERRE BEAUFILS
TRANSPORTS CANADA

Miraceti Collisions program

Work in Canada on vessel strikes

VINCENT DEVRILLON
PIXEL SUR MER

EXOCET EXOS : Collisions avoidance device for sailing boats



COFFEE BREAK

CHAIRWOMAN
CHARLOTTE CURÉ
CEREMA

OTHER SOLUTIONS FOR COLLISION AVOIDANCE

LOANNE PICHOT
CEREMA

Experimental Evaluation of an Acoustic Alerting Signal to Reduce Humpback Whale Collisions with Vessels

AUORE MORIN
IFAW

Ship strikes and whales : preventing a collision course

VIRGIL ZETTERLIND
CONSERVE IO

WHALE ALERT - A Collaborative System for Ship Strike Reduction and Citizen Science

JESSICA SCOTT
OCEAN WISE CONSERVATION
ASSOCIATION

The Whale Report Alert System : a real time solution for preventing ships strikes

LUCIA BERGANTIN
IMT ATLANTIQUE

Artificial Potential Fields-based Whale Collision Avoidance for Competitive Sailboat Navigation

2:25-4:10
P.M

2:35-2:50
P.M

2:55-3:10
P.M

3:10-3:25
P.M

3:25-3:40
P.M

3:40-3:55
P.M

3:55-4:10
P.M

4:10-4:35
P.M

4:35-6:15
P.M

4:45-5:00
P.M

5:00-5:15
P.M

5:15-5:30
P.M

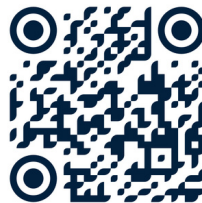
5:30-5:45
P.M

5:45-6:00
P.M

6:00-6:15
P.M

WORKSHOP CONCLUSIONS BY DAMIEN DEMOOR

AND CLOSING CHAIRMAN, GREENOV



HOW TO REGISTER?

It's super simple..

Just go to the official website of the OCEANS 2025 conference.

<https://brest25.oceansconfere.nce.org/register-now/>

Starting from €75 (includes access to the workshop, lunch, and coffee/pastry breaks).

Possibility to register, on top of the workshop, to the full conference at the rate of 400€, instead of 775€. So attending the Ship/Whale Collisions workshop, gives you a 48% discount on the entire conference!

NEED TO CONTACT US?

HAVE ANY QUESTIONS?

workshop@greenov.green

Website:
<https://greenov.green/>

HOW TO GET TO THE CONFERENCE?

By train :

Nantes → Brest: approximately 3h30 to 4h (usually with a connection in Rennes or Quimper)
Paris → Brest: approximately 3h45 to 4h15 by direct TGV

By car :

Nantes → Brest: approximately 3h15 to 3h30 (around 290 km)
Paris → Brest: approximately 6h to 6h30 (around 590 km)

By plane :

Paris → Nantes: approximately 1 hour flight
(+ allow 1h30 to 2h total including boarding and arrival)

BREST



PARIS

NANTES

