

Paris 27-28-29 France May

BLUE

BlueWeek 2019

blueforum.org



Monday May 27

Renewable ocean energy production, storage and distribution forum

Tuesday May 28

Sustainable use of ocean space and marine resources forum &
Nature inspired solutions & biomimetic forum

Wednesday May 29

Natural propulsion & zero emission shipping forum

Photo: defense402.fr



Programme



OCEAN ENERGY & BLUE LIFE
Monday 27 May

09:00 Registration
09:30 Opening by **Michèle Azalbert**, Chief Executive Officer, Renewable Hydrogen Business Unit, ENGIE
Francois Lambert, Managing Director GICAN - General Secretary of the French maritime cluster board
Guilhem Gaillarde, Chairman BlueForum, MARIN

ENERGY STORAGE AND DISTRIBUTION

10:15 **Bob Meijer**, Director, Offshore Wind Energy R&D, TKI Wind op Zee
How the Netherlands is promoting innovation, creates development and drives cost reduction of Offshore wind energy
Teus van Beek, General manager market innovation, Wärtsilä
Sustainable use and opportunities for cities: Oceanic Awakening Initiative

10:55 **Pause**

11:20 **Joost Sterenborg**, Project Manager, MARIN
Space@Sea European Project
Gro de Saint Martin, Programme Director, Réseau de Transport d'Electricité
On the connection of marine energy
Tonio Sant, Associate professor, department of mechanical engineering, university of Malta, FLASC
FLASC: Offshore Energy Storage
Jean-Marc Daniel, IFREMER
Experimental method to qualify rotor-floater interaction
Pierre Duwiquet, Product Development Manager, Atlantique Engineering Solutions
An insight into floating substations

12:35 **Lunch**

OFFSHORE ENERGY: WIND ENERGY

14:00 **Bruno Geschier**, Chief sales & marketing Officer, WindEurope
Floating Wind Taskforce
Bruno Geschier, Chief sales & marketing Officer, Ideol
Ideol: Current offshore wind projects in France and Japan
Clemens van der Nat, Manager Strategic developments at Bluewater Energy Services, BlueWater
TLP based platform for Multi-use: Wind Energy and Fish Cages
Christine de Jouette, Marine Energies Project Director, EDF Energies Nouvelles
Floating Offshore Wind: project Provence Grand Large
Erik-Jan de Ridder, Project Manager, MARIN
Areas of research for offshore wind @MARIN
Jérôme Ribuot, Offshore Renewables Development Director, Saipem
AFLOWT Saipem Floating Wind solution Demonstrator
Valentin Arramounet, INNOSEA
Floating Wind : Aeroelastic software coupling with Orcaflex
Nathalie Renard, Marketing director, Jeumont Electric
World first superconductive wind generator ECOSWING : opening the doors to new challenges

15:50 **Pause**

OFFSHORE ENERGY: OCEAN ENERGY

16:10 **Yann Herve de Roeck**, General director, France Energies Marines
Collaborative initiatives for marine renewable energy
Frabrice Jancart, Technology Development Manager, Naval Energies
OTEC developments
Jean-Christophe Gilloteaux, Ocean Waves and Marine Renewable Energies group, LHEEA Centrale Nantes
FARWIND: Wind energy Conversion in the far-offshore
Jean-Luc Longeroche, Co-founder and CEO, GEPS-Techno
Stabilized and hybrid powered (wave/solar) floating platforms for Blue growth activity
Gregor Paterson-Jones, Founder, Paterson-Jones
Renewable energy investment

17:25 **Networking**

18:00 **End of day programme**

Programme



OCEAN ENERGY & BLUE LIFE
Tuesday 28 May | MORNING

09:00 Registration
09:30 Opening by **Guilhem Gaillarde**, Chairman BlueForum, MARIN

SUSTAINABLE MULTI-USE AND INFRASTRUCTURE

09:40 **Kare Olav Krogenes**, Managing Director, Viewpoint seaFarm
Next generation Offshore seafarming
Floor Spaargaren, Project Manager, MARIN
Creating a blue print for synergy between offshore wind and floating solar power
Eelco Leemans, Advisor sustainable use of Oceans, North sea Energy Lab
Multi-use strategy and experience in the North Sea
Javier Abanades, Hydrodynamic Responsible of Offshore Renewable Projects, TYPESA
Towards green ports through the integration of renewable energies
11:00 **Pause**
11:20 **Eric van der Schans**, Director Environmental Management, Port of Rotterdam
Port of Rotterdam sustainable challenge to support zero emission shipping
Lucas Bertrand, Business Development Director France, ITM Power
How can Hydrogen participate to Ports decarbonization?
Carolina Navarro Correcher, Director of Innovation & Port Cluster Development, Port of Valencia Fundacion
Sustainable harbour
Secil Torun, Engie
Role of Hydrogene in harbours
12:40 **Lunch**



BIOMIMETIC
Tuesday 28 May | AFTERNOON

14:00 **Christian Veldhuis**, Research coordinator Sustainable Propulsion, MARIN
Research on biomimetic propulsion at MARIN (past and future plans)
Johannes Oeffner, Research Associate, Fraunhofer CML
Bio-inspired Air-lubrication technologies for ship hulls
William Megill, Professor Faculty of Technology and Bionics, Uni Rhein-waal
Explorations of low-power high-efficiency biomimetic propulsion systems in human-powered racing submarines
Ahmed Chemori, CNRS Researcher, LIRMM-CNRS/Univ. Montpellier
Towards Effective Underwater Inspection With a Fin-Actuated Biomimetic AUV
15:40 **Pause**
16:05 **Julian K.A. Langowski**, Postdoctoral researcher, Experimental Zoology Group, Wageningen University & Research
Safe grip in a wet environment: Biological solutions to a technical problem
Ievgen Mazurenko, CNRS Researcher, BIP/CNRS/Aix-Marseille University
Bioavailable enzymes as alternatives to platinum catalysts in low temperature fuel cells
Franck Sylvain, CEO, EEL-Energy
The biomimicry tidal device
17:20 **Networking**
18:00 **End of day programme**

Programme



NATURAL PROPULSION
Wednesday 29 May

- 09:00 Registration
09:30 Opening by **Yves Parlier**, French sailor & Director Beyond the Sea
Guilhem Gaillarde, Chairman BlueForum, MARIN

NATURAL PROPULSION SEMINAR - MODELLING & TRAILING

- 09:45 **Rogier Eggers**, Senior Project Manager, MARIN
Testing methods for manoeuvring & seakeeping with WASP in real wind
Nico van der Kolk and Giovanni Bordogna, PhD. Candidate & Researcher, TU Delft
A comprehensive model for wind-assisted ships
Michael Vahs, Professor (Captain), Hochschule Emden-Leer
EcoFlettner monitoring onboard Fehn Pollux

10:55 **Pause**

NATURAL PROPULSION SEMINAR - SHIPPING & TRADE

- 11:15 **Jean Zanuttini & Vincent Seguin**, CEO Neoline & Naval Architect Mauric, Neoline & Mauric
The sailing path towards a zero emission shipping
Nils Joyeux, CEO Zephyr et Boree, Zephyr et Boree
How to promote greener trade: Zephyr et Boree project
Joseph Baker, Mechanical Engineer, Anemoi Marine Technologies
Utilising Big Data and Regulations to drive the uptake of Flettner Rotors

PITCHES NATURAL PROPULSION & ZERO EMISSION SOLUTIONS

- 12:25 **Gavin Alwright**, Secretary IWSA, International Windship Association: *IWSA Hub development*
Madadh MacLaine, CEO ZEM-Tech, Zero Emission Maritime Technology: *Zero Emission Maritime overview*
Michael Adams, President, Ocean Assets Institute: *Investment in sustainable maritime industry*
Brian Boserup, Founder, Blue Technology: *Wind will allow shipping to go zero emission*
Guilhem Gaillarde / Moritz Krijgsman, MARIN: *Zero emission propulsion train*
Patrick Hooijmans / Rogier Eggers, MARIN: *WiSP JIP - Wind assisted Ship Propulsion*

13:00 **Lunch**

NATURAL PROPULSION SEMINAR - NEW DESIGN CONCEPTS

- 14:30 **Rémi Retho**, Naval Architects, Airseas
Kite ship propulsion for ships
Jerome Vedrenne, R&D Engineer, CRAIN
On shore experimental testing of suction wing
Mathis Ruhl, Naval Architect, Mathis Ruhl - Architecture Navale
Wind Motion: make sailing great again
Mike Poole, Director AutoNaut Ltd, AutoNaut
Wave-propelled vessels, part of the zero carbon future

16:00 **Pause**

ZERO EMISSION SOLUTIONS

- 16:20 **Moritz Krijgsman**, Senior Project Manager, MARIN
Hydro-system integration for zero emission shipping: test cases and studies for the Dutch Ministry of Transport and for the Dutch Navy
Louis-Noel Viviés & Marc van Pethegem (VPLP), Energy Observer
Energy Observer around the world
Faig Abbasov, Shipping policy officer, Transport&Environment,
Roadmap to decarbonising European Shipping

17:25 **Networking**

18:00 **End of Blue Forum**

POSTERS NATURAL PROPULSION & ZERO EMISSION SOLUTIONS

D-ICE Engineering, *Route Optimization and Metocean Studies*
Schormanns Maritima, *SS Eileen - sailing coaster*
TU Delft, *Design strategies for wind-assisted ships*
MARIN, *WiSP JIP - Wind assisted Ship Propulsion Joint Industry Project*
Blue Technology, *Wind will allow shipping to go zero emission*
ADD-Technologies, *Wing-sail: the primary propulsion system moving at full scale in the maritime industry*