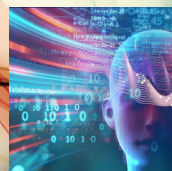
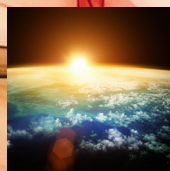
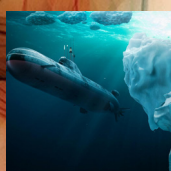


8<sup>TH</sup> EDITION  
2023

SEA **FUTURE** STRATEGIC SPONSOR  
SUPERFUTURA **FINCANTIERI**

5/8 JUNE 2023 LA SPEZIA NAVAL BASE

CONFERENCES  
PROGRAMME  
2023



MONDAY 5 JUNE 2023

5 JUNE

9:30 - 10:30

## OPENING CEREMONY

Dr. **Cristiana Pagni** - President of IBG  
Onorevole **Guido Crosetto** - Ministry of Defence  
Vice Admiral **Enrico Credendino** - Chief of Staff of the Italian Navy  
Dr. **Giovanni Toti** - President of Liguria Region  
Dr. **Pierluigi Peracchini** - Mayor of La Spezia

Others to be defined

**GOI LAUNCH**

9.30 - 18.30  
EXHIBITION AREA B2B  
PITCH AREA PITCHING SESSIONS

5 JUNE

11:00 - 13:00 CONFERENCE ROOM 1

## UNDERWATER DIMENSION

Italian Navy

**Institutional Greetings**

Vice Admiral **Enrico Credendino** - Chief of Staff of the Italian Navy

**Other speakers**

Navy Officers

Universities

tbd

13.00 - 14.00 Lunch Break

5 JUNE

14.30 - 16.00 CONFERENCE ROOM 1

## OCCAR, THE INDEPENDENT INTERNATIONAL ORGANISATION FOR COMPLEX COOPERATIVE ARMAMENTS PROGRAMME MANAGEMENT

**OCCAR**

*Brief introduction to OCCAR as programmes management organization, with a special focus on FREMM, PPA, LSS, U212 NFS Programmes.*

**Chairman Fernand Van Wilder**

**Speakers**

**Fernand Van Wilder**, Business Development Officer - OCCAR - Central Office

*Brief introduction to OCCAR as programmes management organization*

**Pablo Migliore**, Senior Platform Officer - OCCAR - U212 NFS PD

*U212 Near Future Submarine programme presentation*

**TBD**

*Naval Programmes presentation*

5 JUNE

16:30 - 18:00 CONFERENCE ROOM 2

## La Spezia and Toulon cities linked to (and from) the sea

*Dante Alighieri La Spezia and Dante Alighieri Toulon companies*

**Chairman Dr. Maurizio Caporuscio** - Magistrate, Vice President of the Dante Alighieri Company

*The meeting will start from the few, but evident, aspects of the proximity of the two countries from the cultural point of view, so to examine more closely the theme of the sea in the French literature of the nineteenth century.*

**Speakers**

Dr. **Carlo Raggi** - President - Dante Alighieri La Spezia Company

*Italy and France. Brief notes on a consolidated cultural bond*

Prof. **Margherita Vannini Barradon** - Vice President - Dante Alighieri Toulon Company

The sea into the French literature during Michel Pacha's time

Prof. **Chiara Serreli** - Councillor - Dante Alighieri La Spezia Company

Lecture of Giovanni Pascoli's poem "A Victor Hugo"

TUESDAY 6 JUNE 2023

9:30 - 13:00 CONFERENCE ROOM 1

## INDUSTRY DAY

organised by AIAD TBD

*Institutional Greetings*

Dr. **Giuseppe Cossiga** - President of AIAD

### Other Speakers

Managers of Fincantieri, Leonardo, Elettronica Group and other leading companies in the sector

9.30 - 18.30  
EXHIBITION AREA B2B  
PITCH AREA PITCHING SESSIONS

6 JUNE

9.30 - 10.30 CONFERENCE ROOM 3

## ACCELERATING DIGITAL TRANSFORMATION IN MARITIME & DEFENSE INDUSTRY

### ANSYS

*The next era in the maritime and defense industry will present business and technology challenges that will be radically different from anything seen before. The exponential rate of innovation required to meet these challenges can only be achieved through digital transformation. As the boundaries between industries blur and the cost of failure becomes business-critical, the pace of digital transformation must accelerate. One way to speed this transformation while ensuring an optimized product life cycle is through engineering simulation.*

Chairman and Speaker **Filippo Gemma**, Global Product Sales Manager

6 JUNE

10.00 - 12.00 CONFERENCE ROOM 2

## NATO PLAN OF ACTION ON INNOVATION - DIANA AND NATO INNOVATION FUND INITIATIVES AND OPPORTUNITIES FOR THE NAVAL AND UNDERWATER SECTORS

*SGD/DNA – Segretariato Generale della Difesa/Direzione Nazionale Armamenti*

*Secretariat General of Defence and National Armaments Directorate / 5th Department - Technological Innovation*

*Technologies such as big data, artificial intelligence (AI), autonomous systems and quantum technologies are changing the world, and the way NATO operates. These and other emerging and disruptive technologies (EDTs) present both risks and opportunities for NATO and Allies. That's why the Alliance is working with public and private sector partners, academia and civil society to develop and adopt new technologies, establish international principles of responsible use and maintain NATO's technological edge. In this context, NATO has launched two initiatives (DIANA and NIF) to foster innovation and EDTs. The aim of this workshop is informing and promoting DIANA and the NIF within the International Delegations and the community of entrepreneurs, SME's, start-ups, universities, research institutes, technology cluster associations and institutions dealing with the naval and underwater sectors.*

Chairman Capt. (N) **Francesco A. Marchetti**, Head of Research Programs – Strategy and planning

### Speakers

Ms. **Francesca Tortorella**, Senior Policy Advisor – NATO, Diana Transition Team

General briefing on DIANA (Concept, Functioning Model, Strategic Direction, Opportunities and Timelines)

Mr. **Philip Lockwood**, Head, Innovation Unit – NATO, NIF Transition Team

General briefing on the NIF (Concept, Governance & Structure, Objectives & Principles, Relationship to DIANA, Opportunities and Timelines)

Dr. **Giovanni Sembenini**, Deputy Director – NATO, CMRE

CMRE: Activities on S&T, Innovation, Maritime, Emerging Disruptive Technologies, Underwater and role within DIANA initiative

Dr. **Stefano Molino**, Senior Partner – CDP Venture Capital

Why an accelerator can be a game changer on innovation

6 JUNE

6 JUNE

### 11.30 - 12.30 CONFERENCE ROOM 3

## SEABED OPERATIONS – THREATS AND CHALLENGES

SAAB

**Chairman and Speaker** Mr. **Chris Lade**, Defence Sales Manager – Saab

The presentation will consider recent events that have heightened the relevance of operations on the seabed. It will look at the potential threat to critical national infrastructure and what might be done to protect that infrastructure from a doctrinal perspective and then from a technical perspective. The presentation will consider the parallel capabilities required to operate in the commercial underwater space with those capabilities to conduct military operations on the seabed

### 13.00 - 14.00 Lunch Break

6 JUNE

### 14.30 - 16.30 CONFERENCE ROOM 1

## EMERGING AND DISRUPTIVE TECHNOLOGIES IN THE MARITIME DOMAIN

### *Secretariat General of Defense and National Armaments Directorate*

*The workshop will try to provide audience with a close look at technological trends and EDTs in the maritime domain by leveraging on a wider prospective based on different major stakeholders operating in the academia, institution, military and industry. Complexity, challenges and opportunities that shall be understood and properly governed by the civilian and military sectors in order to maintain the strategic technological edge. The workshop will also inform on EU institutional support to innovation and EU efforts to intercept and deliver new effective EDT based capabilities at the required speed of relevance.*

**Chairman** RDML **Pietro Alighieri**, Senior Advisor to the Italian Secretary General of Defense and National Armaments Director

#### Speakers

Ms. **Paola Gualeni**, Professor – University of Genoa

Emerging Disruptive Technologies and technological trends in the Maritime domain - Academia prospective

RADM. **Marco Tomassetti**, 7th Department Head, Italian Navy General Staff

Future capabilities deriving from the introduction of EDTs in the Maritime domain – Military priorities and prospective

Ms. **Chiara Petrioli**, CEO – Wsense

Challenges, criticalities and opportunities of EDT – Industry prospective

Mr. **Dirk Peters**, Senior Expert EC – DG Defis

EU support initiatives for innovation and EDT – Institutional prospective

Ms. **Federica Valente**, RTI Coordinator/HEDI manager – EDA

Tools to intercept trends and EDTs and mechanisms to deliver EDT developed capabilities at a speed of relevance – EDA prospective

6 JUNE

### 14.30 - 15.30 CONFERENCE ROOM 2

## INTERMARINE

TBC

6 JUNE

### 14.30 - 16.30 CONFERENCE ROOM 3

## ALTERNATIVE FUELS IN MARINE APPLICATIONS: THE STATE OF THE ART AND A VISION OF THE FUTURE

ATENA

*Italian Association of Naval and Nautical Techniques. Significant interlocutors will talk about alternative fuels in the Nautical world*

**Chairman** Dr. **Arianna Bionda**, Professor and Researcher at the Politecnico of Milan

#### Speakers

Mr. **Phil Sharp**, CTO GENEVOS

High-durability fuel cell technology for marine propulsion

6 JUNE

Mr. **Mauro Risi**, DG Energy Evolution ENI

A global approach to maritime decarbonisation

Mr. **Gianluca Valenti**, Associated Professor at the Politecnico of Milan

State of the art and prospects for the use and application of liquid hydrogen as an alternative energy source in different fields of application. Ongoing research in the field of hydrogen transfer through distribution networks

Mr. **Paolo Bonetti**, Managing Director CHIMITRADE

Methanol as a marine fuel: an overview of the regulatory and economic framework

Ms. **Tullia Zucca**, Freelance Consultant

Production of green hydrogen from Ammonia splitting in a reactor equipped with plasma torch and special membranes.

Mr. **Giovanni Bruni**, COO Isotta Fraschini Motori Spa

Isotta Fraschini Motori: The pathway to Carbon 0

## 16.00 - 18.00 VESPUCCI TALL SHIP

### CLIMATE CHANGE AND HUMAN IMPACT ON THE UNDERWATER DIMENSION: HOW TO COMMUNICATE THE CLIMATE EMERGENCY.

Chairman **Federico Pedrocchi**, Radio 24

Introduction **Silvia Baglioni**, Journalist

#### Speakers:

**Fabrio Trincardi**, Director of the Department of Earth System Sciences and Technologies for the Environment - CNR

The Mediterranean is one of the "hot spots" of climate change. At SEAFUTURE, in conjunction with the World Oceans Day, we will address one of the most topical issues: how to correctly communicate the enormous amount of data that research has available today.

6 JUNE

## 17.00 -18.00 CONFERENCE ROOM 3

### THE JOURNEY TO REDEFINE THE FUTURE OF FIT

#### **BOA TECHNOLOGY**

*The presentation will cover the history of the company BOA Technology (who we are, where we come from) followed by a detailed explanation of our technology BOA Fit System and its benefits for the end users.*

#### Speakers

**Luca Danova**, Market Development Specialist & Account Manager EMEA – BOA Technology

Story of the Company, business model, commercial topics

**Daria Biryukova**, Factory Support Manager – BOA Technology

Technical topics on BOA platforms

6 JUNE

WEDNESDAY 7 JUNE 2023

9.00 - 10.30 CONFERENCE ROOM 2

## GREEN&BLUE INNOVATION HUB

### Different paths to decarbonise the shipping industry

*Time flies, they say, and the goal of a 90% reduction in transport emissions by 2050 seems hard to meet at this point. Hydrogen and ammonia are the most discussed "new" fuels for ships when the discussion comes to shipping decarbonization, but they're not the only free-emissions possible propulsions: within the session, we will also discuss opportunities and challenges - tech and business-wise - of wind propulsion.*

#### Panelists

**Katalin Dobranszky**, Senior Director Innovation, Finance & Fiscal Affairs – ECSA

**Darko Levicar**, Director Transport Policy Hydrogen Europe

**Filippo Lossani**, Direttore della BU Marine ECOSPRAY

**Cristina Maggi**, Direttrice H2IT

**Sergio Torriani**, Founder and CEO Simplifyh

**International Windship Association**

**others to be confirmed**

9.30 - 18.30  
EXHIBITION AREA B2B  
PITCH AREA PITCHING SESSIONS

7 JUNE

9.30 - 12.30 CONFERENCE ROOM 1

## WHEN CYBER IS MERGED INTO THE SEA

*After last year's NATO Summit in June, marked by the ongoing conflict between Russia and Ukraine, in the document known as the Strategic Concept - an act that ratifies NATO's new posture with respect to future threats - we understand how the alarm of political decision-makers of the member countries of the Alliance is above all related to the new frontiers of conflicts which, among other priorities, sees an emphasis placed on the growing interweaving between the cyber and space dimensions. The European Commission and the High Representative recently adopted a Joint Communication on an enhanced EU maritime security strategy aimed at ensuring peaceful use of the seas and protecting the maritime sector from new threats. They also adopted an updated action plan that will implement the strategy. Up to 99% of global data flows are transmitted through submarine cables, which are also subject to cyber and hybrid attacks. It is mandatory to make the Underwater Domain even more secure from a cybernetic point of view. The maritime safety is of vital importance for the European Union and its Member States and, precisely in this sense, the European Commission and the High Representative Borrell have foreseen an updated action plan which will implement the strategy. .*

#### Autorithy

Hon. **Matteo Perego di Cremona**, Under Secretary of Defense

#### Chairman

Gen. **Giuseppe Morabito**, NATO Foundation

#### Opening by SSSD

#### Participants

Prof. **Michele Colajanni**, University of Modena-Reggio Emilia Department of Engineering

Assistant Prof. **Luca Valcarengi**, Istituto Superiore Sant'Anna Pisa

Dott. **Andrea Gilli**, Senior Researcher NATO Defence College

Rear Admiral **Francesco Procaccini**, Chief of the Italian Navy C4 and Security Department & Head of the Space and Innovation General Office

Dr. **Mario Beccia**, Deputy NATO Chief information Officer for Cybersecurity, NATO Headquarters (TBC)

**Eugenio Santgata**, CEO Telsy e Chief Public Affairs & Security TIM

7 JUNE

7 JUNE

## 9.00 - 11.00 CONFERENCE ROOM 3

### NATIONAL CONFERENCE OF REGIONAL MARITIME CLUSTERS

*By the Ligurian District of Marine Technologies - DLTMT*

7 JUNE

## 9.30 - 11.00 VESPUCCI TALL SHIP

### NEW TECHNOLOGIES FOR THE OCEAN MAPPING

#### *Hydrographic Institute of the Navy*

*After last year's NATO Summit in June, marked by the ongoing conflict between Russia and Ukraine, in the document known as the Strategic Concept - an act that ratifies NATO's new posture with respect to future threats - we understand how the alarm of political decision-makers of the member countries of the Alliance is above all related to the new frontiers of conflicts which, among other priorities, sees an emphasis placed on the growing interweaving between the cyber and space dimensions. The European Commission and the High Representative recently adopted a Joint Communication on an enhanced EU maritime security strategy aimed at ensuring peaceful use of the seas and protecting the maritime sector from new threats. They also adopted an updated action plan that will implement the strategy. Up to 99% of global data flows are transmitted through submarine cables, which are also subject to cyber and hybrid attacks. It is mandatory make the Underwater Domain even more secure from a cybernetic point of view. The maritime safety is of vital importance for the European Union and its Member States and, precisely in this sense, the European Commission and the High Representative Borrell have foreseen an updated action plan which will implement the strategy.*

**Chairman** Rear Admiral **Massimiliano Nannini**, Director, Istituto Idrografico della Marina

#### Speakers

CDR **Maurizio Demarte**, C° Rep Oceanography and geophysics – Hydrographic Institute of the Navy

*Use of new technologies remotely and the future of hydro oceanographic data acquisition*

7 JUNE

## 10.30 - 12.30 CONFERENCE ROOM 2

### GREEN&BLUE INNOVATION HUB

#### Different paths to decarbonise the ports

##### Offshore energy production and port-related issues

*Renewable energy will play a fundamental role in reaching the European goal of being climate-neutral by 2050 – including the generation of more energy at sea and from the sea. Although the deployment of offshore technologies for electricity generation in the Mediterranean Sea has been relatively slow so far, thanks to technological innovation, there is now a big potential for further development in a cost-effective way, both for wind and wave energy power.*

#### Panelists

**Donagh Cagney**, Policy Officer Ocean Energy Europe

**Port of Amsterdam Ijmuden**

**Luigi Severini**, President iLStudio Severini

**others to be confirmed**

##### The future of onshore power supply

*What are the real perspectives and uses of cold ironing in the Italian and European contexts? The electrification of the docks is underway at various speeds throughout Europe, but the sector still presents several barriers to a harmonized development: let's discuss technical aspects, governance, energy taxation, and management of incentives.*

**Moderator Alexio Picco**, managing director Circle Group and EU funding expert

#### Panelists

**Ministry of Infrastructure and Transport**

**Presentation EALING** Eu project

**Others to be confirmed**

7 JUNE

## 11.30 - 13.00 CONFERENCE ROOM 3 LEVIATAD (COSME/HORIZON PROGRAMME) *Ligurian District of Marine Technologies - DLTM*

*The Project aims at creating the 1st Eurocluster of Excellence on Naval Defense. This will be obtained following an Action Plan on three steps:*

- 1) Obtain a mapping of the Naval & Aero Naval Defence sector value chain post COVID-19 crisis to better understand the European ecosystem's structure as well as the possible transnational synergies and complementarities. This will allow the Consortium to draw the lessons concerning disruption and dependencies and manage a more efficient industrial strategy (including green and digital transition) to engage better resilience and competitiveness in a long-term European strategic approach.*
- 2) Put in place actions to support SMEs in their up-skilling towards strategic technologies innovations that will be the base of their path towards resilience and autonomy boosting European sovereignty in Defence sector. Support measures will be for example training workshops and vouchers.*
- 3) Go to international is the third step providing for other supporting measures (e.g. workshops, vouchers, studies of international markets) to help SMEs to acquire skills in some third countries markets as well as internationalisation to foster synergies and new business lines towards these non-EU countries. This will foster action plans to enhance the European position in the value chain and engage resilience activities by supporting innovation processes and helping SMEs join forces and better cooperate with major public and private groups including in European and within international markets. These plans would have a strong focus on resilience and European synergies.*

**Chairman Giovanni Caprino**

### Speakers

Mr. **Stéphane Claisse**, Director of the Toulon Var Technologies – System Factory

*Value chain mapping of the naval defence and aeronautics sector: a long-term increasing of the resilience and the start-up competitiveness for an European strategic approach*

Mrs. **Eveline Buych**, Innovation Manager of the Blauwe Cluster

*Innovation training: supporting SMEs towards better qualification*

Mr. **Goran Barasac**, President of the Croatian Defence Industry Competitiveness Cluster (CDICC)

*Financial support to third parties: supporting SMEs towards strategic technological innovation*

7 JUNE

## 12.30 - 13.00 CONFERENCE ROOM 2 GREEN&BLUE INNOVATION HUB Digital interoperability strategy and evolution of the national logistics platform

Deputy Minister **Edoardo Rixi**, Ministry of Infrastructure and Transport

**Mario Sommariva**, President of the Port Authority of the Eastern Ligurian Sea "AdSP"

**Ivano Russo**, Sole Administrator – RAM

13.00 - 14.00 Lunch Break

7 JUNE

## 14.00 - 15.00 CONFERENCE ROOM 2 GREEN&BLUE INNOVATION HUB Port & energy transition

*The possibility of being defined as "energy communities" has finally been recognized to ports, as a support for their transition to the use of renewable energies to satisfy the typical energy-intensive needs of port areas. Ports, therefore, assume an increasingly central role in the current energy transition process, becoming energy hubs - energy storage and distribution points - and encouraging the consumption of green energy by the entire maritime cluster and inland supply chain. Which will be the next steps of this new path for ports?*



7 JUNE

**Moderator Luca Bergonzoli**, Integra

#### Panelists

**Lucas Bossier**, Director for Transport and Energy, Conference of Peripheral

**Beladjine Boumedienne**, Lecturer Researcher - Expert of the Ministry of Higher Education and Scientific Research, Green Transport and Blue Economy, Member of the Westmed technical group on Green Shipping

**Jean Pierre Lamblin**, CO2 Tracker

**Rodolfo Giampieri**, President Assoport

**Sergio Pedrazzini**, Solar Solution - Gruppo Fratelli Visconti

**RSE - Ricerca sul Sistema Energetico (Research on the Energy System)**

**Union for the Mediterranean**

### 14.30 - 15.30 CONFERENCE ROOM 1

#### **AUTNONAME - "AUTOMATION AND REMOTE CONTROL OF THE NONAME® SYSTEM" Marina Militare Italiana**

*Limescale and biofilm have always been a problem in all circuits in which water circulates, greatly reducing their flow rates and consequently their efficiency. The concretions themselves form a favorable environment for the proliferation of potentially pathogenic microorganisms for users. In the military, this issue takes on even greater significance and is closely linked to the operation of the maritime military instrument. The problem is amplified when maintenance of the system/equipment has to be carried out resulting in long technical downtime and consequent suspension of service. The timeless and effectiveness of interventions are, therefore, decisive in the overall economy of plant management. The Noname® system, which uses a food-grade purity gas mixture, promises to eliminate calcareous concretions and biofilms, eliminating failure times and optimizing shipboard systems. The conference will showcase the results of AUTNONAME project experiments conducted at the University of Genoa, the use of the gas mixture, and the remotely developed continuous control system.*

**Chairman TBC** – Referent of the Italian Navy

#### Speakers

Professor **Agostino G. Bruzzone**, Full Professor at DIME, Genoa University, Principal Investigator of AUTNONAME Project – Genoa University

Results of experiments conducted at the University of Genoa on the AUTNONAME system and possible future developments.

Ing. **Lucio Piticchio**, CEO of Arconhe – Arconhe srl

Noname as innovative solution for solubilize limestone, decrease biofilm ecrustation and block bacterial fermentation.

**TBC** – Referent of the Italian Navy

Noname and its possible application in the Naval field: reduction of ship downtime, attack on legionella the optimization of propulsion and cooling systems.

7 JUNE

### 14.30 - 16.30 CONFERENCE ROOM 3

#### **DEFEND, PRESERVE, PROTECT.**

#### **Sea Shepherd Italia Onlus Foundation**

*Do we want to continue to exploit the sea or do we finally decide to safeguard the sea and ourselves? Everyday Sea Shepherd volunteers goes to the sea to defend its inhabitants and what do we want to do? Looking back in our history there have been tragic pages where people have chosen to become partisans to gain freedom. Today it is up to us to become fighters, partisans to save our species from absurd logics that exploit the planet. So it's up to us to pick a side. Collaboration between police forces and civil society, the great challenge of the new anti-poaching in the Sea*

**Chairman Andrea Morello**

#### 16.00 - 16.30

Intervention by the Minister of Civil Protection and Sea Policies, **On. Nello Musumeci**

7 JUNE

## 14.30 - 18.00 VESPUCCI TALL SHIP

### HIGH-LEVEL ROUND TABLE ON "ONE OCEAN-ONE HEALTH: THE HEALTH OF THE SEAS IS DECIDED ON THE MAINLAND"

#### *Water Academy Srd Foundation, Sustainable And Responsible Development*

*Starting from the assumption that the state of health of the Oceans is determined by the decisions that are taken on earth, especially in relation to the fact that, as authoritatively supported by the Scientific Community, we live in an unprecedented era defined "Anthropocene"; a paradigm shift is needed to put the sea at the center of our lives. The relationship between mankind and the sea can be interpreted in all respects as a New Frontier. The seas, even within the specific and dimensional differences that distinguish them, are fundamental elements, for example, in the formation of the climate, and therefore the study of the so-called "Climate-Ocean Nexus": It is now of fundamental importance to try to understand the variables that characterize the phenomenon of Climate Change.*

**Chairman** Prof. **Alessandro Leto**

#### **Speakers**

Professor **Giuseppe Novelli**

Admiral **Massimiliano Nannini**

Professor **Maurits Van Roojen**

Dr. **Domenico Giani**

Dr. **Filippo Uberti**

Senator **Giulio Terzi Di Sant'agata**

Senator **Andrea Paganella**

Captain **Giovanni Soldini**

## 15.00 - 16.15 CONFERENCE ROOM 2

### GREEN&BLUE INNOVATION HUB

#### *Blue Circular Economy*

*The possibility of being defined as "energy communities" has finally been recognized to ports, as a support for their transition to the use of renewable energies to satisfy the typical energy-intensive needs of port areas. Ports, therefore, assume an increasingly central role in the current energy transition process, becoming energy hubs - energy storage and distribution points - and encouraging the consumption of green energy by the entire maritime cluster and inland supply chain. Which will be the next steps of this new path for ports?*

**Moderator Cristian Chiavetta**, Industrial researcher on Circular Economy ENEA

#### **Panelists**

**Alexia Spyridonidou**, Business Development Manager of the Circular Economy and Climate Change Institute of the EPLO

#### KEYNOTE SPEECH

**Simone Pacciardi**, Special projects, relations with the EU and market development Port Authority of the Eastern Ligurian Sea

#### CAPITALISATION OF PRISMA-MED RESULTS

**Chiara Lombardi**, Researcher at the Laboratory of Biodiversity and Ecosystem Services - ENEA

#### Smart Bay Project

**Marcello Magaldi**, CNR-ISMAR (maritime space management)

**Paolo Varrella**, President of the "Cooperativa Mitilicoltori Associati"

**Mirvana Feletti**, Officer in charge of Fisheries and Aquaculture, Regione Liguria

**others to be confirmed**

7 JUNE

## 16.00 - 18.00 CONFERENCE ROOM 1

### FRANCO BARDELLI AND MARIO CALZERONI. EXCELLENCE IN SCIENCE AND RADAR DEVELOPMENT IN ITALY

*Towards the future without forgetting the past. It will be presented the historical excursus of radar science in Italy, from the post-war period to recent times, through the works of two exceptional protagonists. The Engineer Franco Bardelli, creator of companies such as Selenia Spa and IDS Spa and the Admiral Mario Calzeroni, creator of the SPQ-5 radar, for the discovery of antisom from the surface, as well as the first Italian stone of CORA technology.*

**Chairman Dario Guerrini**, CEO Gueda System

#### Speakers

Businessman **Dario Guerrini**, CEO - Gueda System

Contribution to the Italian industrial growth. Genius of M. Calzeroni, results and memories of those who flanked him

Eng. **Giovanni Bardelli**, Entrepreneur

The activities and life of Franco Bardelli, Selenia, IDS, Georadar and more

Ing. **Vincenzo Arrichiello**, Entrepreneur - Leonardo (r)

Carlo Calosi and his role as Mentor for Franco Bardelli and promoter of post-war Italian industry

7 JUNE

## 16.15 - 17.00 CONFERENCE ROOM 2

### GREEN&BLUE INNOVATION HUB

#### Port/city relationship - Sustainable projects

*Every year, hundreds of millions of travelers transit through European ports. Sometimes, friction with the city where ports are located might arise because of the management of a large number of tourists, transportation congestion, and high polluting emissions. Today, thanks to the cooperation between ports, local administrators, and other public-private players such as cruise companies, it is possible to foster a better city-port relationship with projects and initiatives that support an integrated and more sustainable development of the city-port areas in terms of economic, social, cultural and environmental aspects*

#### Panelists

**Massimo Clemente**, director of CNR-IRISS and director of RETE's Scientific Committee

**Alberto Cappato**, General Manager AIVP

**Federica Montaresi**, Secretary General of the Port Authority of the Eastern Ligurian Sea "AdSP"

**Muriel Andrieux Semmel**, Director of the Ecological Transition and Nature in the City (DTENV), City of Marseille

others to be confirmed

7 JUNE

## 16.30 - 18.00 CONFERENCE ROOM 3

### The Italian historical excellences in the field of technological innovation and in the field of electronics are the root of the present and future success

#### International Wireless Studies – IWS Group

Chairmen Mr. **Elia Cicillini**, Dr. Nicola Annedda

The speeches will recall the path of innovations in the field of interest in general and specific focus on telecommunications and cryptography

#### Speakers

Prof. **Stefano Giordano**, Professor – Dept. Engineering of the information - CNIT University of Pisa

From Marconian inventions to 5G

**Alberto Campanini**, Associazione Rover Joe

From early 16th century cryptography to the Cold War

**Bruno Grassi**, Co-fondatore IWS La Spezia

From Enigma Machine to Public and Private Key

7 JUNE

## 17.00 - 18.00 CONFERENCE ROOM 2

### **GREEN&BLUE INNOVATION HUB**

#### **Green & blue shipyards**

*Shipyards can play an important role in the ecological transition of the sector. It is not only about building ships that can use new fuels or green coatings, but also about the sustainable management of the shipyard's operations, therefore the use of renewable energy and, for example, the attention to the whole waste management cycle.*

Panelists TBC

THURSDAY 8 JUNE 2023

## 9.00 - 12.30 CONFERENCE ROOM 2

### 9.00 Registration

Chairman **Leonardo Manzari**, WestMED Assistance Mechanism – National Hub for Italy

### 9.30 Welcome greetings

**Daniele Bosio**, **Marco Doglia**, WestMED Initiative - Italian National Coordinator

### 9.35 Introduction

**Manuel Pleguezuelo**, DG MARE

### 9.40 Representative of the Working Group on the Blue Economy at Union for the Mediterranean

### 9.45 Representative of the Maltese National Coordinator, WestMED Initiative co-Presidency

### 10.00 Main Achievements of the WestMED Maritime Clusters Alliance and its members

*EMFAF Calls open to the Southern Shore non-EU countries*

*Anja Detant CINEA*

*Establishment of the Mauritanian Maritime Cluster*

*Hamadi BABA HAMADI, President MMC*

*MEDBLEUE 2022 Tunisi*

*Ezzedine Kacem, Cluster Maritime Tunisien*

*Approved projects*

- *Forum Oceano - CTN BIG – Federazione del Mare*
- *COSME EUROCLUSTERS – MedBan*
- *CTN BIG – COSME EUROCLUSTERS – IKAT*
- *DLTM & TVT - COSME EUROCLUSTERS – LEVIATAD*
- *Polo ForMare – ERASMUS+ - MARMED*
- *Università di Lisbona – EMFAF*
- *Le donne nella Blue Economy – WINBIG*
- *Pole Mer Méditerranée – Forum Oceano*
- *Strategis Cluster*
- *Others to be confirmed*

*Established cooperation agreements and synergies*

*ECCP, European Clusters Alliance*

*World Ocean Council*

8 JUNE

9.30 - 18.30

EXHIBITION AREA B2B  
PITCH AREA PITCHING SESSIONS

8 JUNE

## 11.30 Open discussions about further progresses on the main goals of the WM MCA, Matteo Bocci, WMAM

*Cluster dialogue*

*Cluster up-scale South-South*

*Capacity building North-South*

*Investment attraction*

## 12.30 Conclusion of the event

**Giovanni Caprino**, Cluster BIG – **Mario Mattioli**, Federazione del Mare

## 13.00 - 14.00 Lunch Break

## 14.00 – 16.30 CONFERENCE ROOM 2

### ITALIAN AND PORTUGUESE MARINE AND MARITIME CLUSTERS: BEST PRACTICES AND EXPERIENCE EXCHANGE

*An increasing number of countries have already placed blue economy at the core of their governmental strategies, and the national marine and maritime clusters' role is becoming increasingly fundamental on various aspects. The blue economy management differs from country to country from various point of view, including but not limited to: research and innovation, business support through targeted industrial policies and financial support, training at various levels, etc. During this session many experts coming from National Blue Economy Clusters in Italy and Portugal will share their models and experiences in all relevant aspects, with the aim to highlight differences and facilitate the exchange of best practices.*

#### 14.00-14.30 Registration

**Moderator Leonardo Manzari**, WestMED Assistance Mechanism – National Hub for Italy

#### 14.30-14.45 Welcome & introduction: the blue economy at the core of national strategies and priorities

**Daniele Bosio**, WestMED Initiative - Italian National Coordinator

#### 14.45-15.15 Forum Oceano: the Portuguese blue economy management model

**Ruben Eiras**, Secretary General, Forum Oceano

#### 15.15-15.45 Cluster Blue Italian Growth & Federazione del Mare: the Italian blue economy management model

**Giovanni Caprino**, Chairman, Cluster Blue Italian Growth

**Mario Mattioli**, Chairman, Federazione del Mare

#### 15.45-16.15 Roundtable

#### Highlighting differences and mutual inspiration between Italian and Portuguese management models + TBD (Institutional Portuguese representative)

**Luca Salamone**, Presidency of the Council of Ministers – Minister of Civil Protection and Sea Policies (tbc)

**Francesco Masera**, CDP (tbc)

**Fabio Fava**, EU MISSION "Restore our Ocean and Waters" - Lighthouse for the Mediterranean (tbc)

**Margherita Cappelletto**, Sustainable Blue Economy Partnership (tbc)

#### 16.15-16.30 Closing

**Gonçalo Santos**, WestMED Assistance Mechanism – National Hub for Portugal

## 16.30 -18.00 CONFERENCE ROOM 1

### SEAFUTURE AWARDS & CLOSING CEREMONY

*Awarding of the 7 Thesis finalists and the Thesis finalists of the Higher Secondary Institutes of the Liguria Region*

8 JUNE

8 JUNE