



Istituto Nazionale di Oceanografia
e di Geofisica Sperimentale

The background of the poster is a photograph of a large, ornate stone castle with a prominent tower, situated on a rocky cliff overlooking the sea. The sky is clear blue with a few wispy clouds. The image is partially overlaid by large, semi-transparent blue circular shapes that create a modern, layered design.

Advanced Training School on Sustainable Blue Growth in the Mediterranean and Black Sea countries

10–19 July 2017

**Abdus Salam International
Centre for Theoretical Physics**

Giambiagi Lecture Hall
Adriatico Guest House,
Via Grignano 9, Trieste

Building capacities
and developing
skills in the marine
and maritime sectors

Monday 10/07

The Mediterranean and the Blue Economy:
an opportunity for blue jobs and growth

9.00–10.00	Registration	12.00–12.30	The role of the University of Trieste in the Smart Specialization Strategy Maurizio Fermeglia University of Trieste (UniTS)
10.00–11.00	Opening Maria Cristina Pedicchio President, National Institute of Oceanography and Applied Geophysics (OGS) Fernando Quevedo Director, The Abdus Salam International Centre for Theoretical Physics (ICTP) Mohamed H.A. Hassan Executive Director, The World Academy of Sciences (TWAS) Enrico Padula Head of Office X, Directorate for Country Promotion, Ministry of Foreign Affairs and International Cooperation (MAECI) Amb. Giovanni Caracciolo di Vietri Secretary General, Central European Initiative (CEI) Loredana Panariti Assessore, Autonomous Region of Friuli Venezia Giulia	12.30–14.00	Lunch break
		14.00–14.30	The importance of water for sustainable and responsible development Alessandro Leto Water Academy
		14.30–15.00	Innovation and blue jobs Alberto F. De Toni University of Udine (UniUD)
		15.00–15.30	Role of maritime clusters for Blue Growth Martina Rossi Mare FVG
		15.30–16.00	Coffee break
		16.00–16.30	The Origin of 'Blue Growth' Jerneja Penca EMUNI
		16.30–17.00	Science diplomacy and dialogue: pathing the way to blue jobs and growth Mounir Ghribi OGS
11.00–11.30	Coffee break / Group photo		
11.30–12.00	The BlueMed for Sustainable Development of the Mediterranean Region Abdelhamid El Zoheiry Euro-Mediterranean University (EMUNI)		

Tuesday 11/07

Observing and understanding
the changing seas and oceans

- 9.00–10.30 **Ocean and climate**
Riccardo Farneti
ICTP
-
- 10.30–11.00 Coffee Break
-
- 11.00–11.45 **Technological aspects
of observing systems**
Marco Marcelli
University of Tuscia
-
- 11.45–12.30 **Is the Mediterranean
Sea in a steady state? An
observational point of view**
Giuseppe Civitarese
OGS
-
- 12.30–14.00 Lunch break
-
- 14.00–14.45 **Maritime technologies and
naval engineering**
Emilio Fortunato Campana
CNR
-
- 14.45–15.30 **Where observations meet
models: the Copernicus
Marine Environment
Monitoring Services (part I)**
Gianpiero Cossarini
and Stefano Salon
OGS
-
- 15.30–16.00 Coffee break
-
- 16.00–17.30 **Where observations meet
models: the Copernicus
Marine Environment
Monitoring Services (part II)**
**F2F help desk on specific
student requests**
Gianpiero Cossarini
and Stefano Salon
OGS
-

Wednesday 12/07

Excursion

- 9.00–17.00 **Excursion in the Grado
and Marano Lagoon**
Emiliano Gordini
OGS
-

Thursday 13/07

Abiotic resources
and use of the seafloor

- 9.00–9.45 **Seabed mining: resource
sand management within and
beyond national jurisdiction**
Marzia Rovere
CNR ISMAR
-
- 9.45–10.30 **Sea bed mining: The
technological needs**
Luca Ambrosio, Marko Keber
Fincantieri Oil&Gas
-
- 10.30–11.00 Coffee break
-
- 11.00–11.45 **The hydrocarbon Potential
of the Eastern Mediterranean
region**
Andrea Cozzi
ENI
-
- 11.45–12.30 **Gas hydrates: ID and genesis**
Ana Cameirao
IFREMER
-
- 12.30–14.00 Lunch break
-
- 14.00–14.45 **Gas hydrates: from uses
to problems**
Ana Cameirao
IFREMER
-
- 14.45–15.30 **Use of the seafloor for
pipelines and communication
cables**
Lorenzo Facchin
OGS
-
- 15.30–16.00 Coffee break
-
- 16.00–16.30 **Marine geohazards
assessment: the case
study of the Ionian Sea
(Central Mediterranean)**
Silvia Ceramicola
OGS
-
- 16.30–17.00 **The Port of Trieste**
Zeno D'Agostino
Port Network Authority
of the Eastern Adriatic Sea
-
- 17.00–17.30 **Plastic waste threat
to marine life**
Valentina Tirelli
OGS
-

Friday 14/07

Use of the seafloor and Energy

9.00–9.45 **An unconventional resource of the deep ocean: the deep sea Neutrino Telescope KM3NeT**

Giorgio Riccobene
INFN

9.45–10.30 **Use of the seafloor**
Fabio Trincardi
CNR

10.30–11.00 Coffee break

11.00–12.30 **Heating and cooling from the ocean**
Bruno Della Vedova
UniTS

12.30–14.00 Lunch break

14.00–15.30 **Energy from marine currents in the marine environment**
Alberto Moroso
University of Napoli

15.30–16.00 Coffee break

16.00–17.30 **Planning Tools for Sustainable use of the Marine Environment: impact assessment, ecosystem services and marine protected areas**
Michelle Portman
Faculty of Architecture & Town Planning, Israel

Saturday 15/07

Excursion

9.00–12.30 **Visit to the Port of Trieste**

Sunday 16/07

Free time

Monday 17/07

New threats for the marine environment

9.00–9.45 **Oil spill hazard, a modelling approach**
Donata Melaku Canu
OGS

9.45–10.30 **Mercury pollution and biogeochemical modelling**
Ginevra Rosati
OGS

10.30–11.00 Coffee break

11.00–11.45 **Acoustic pollution in the marine environment**
Gianni Pavan
University of Pavia

11.45–12.30 **Mitigation measures**
Claudio Fossati
University of Pavia

12.30–14.00 Lunch break

14.00–14.45 **Macro and micro plastics**
Andreja Palatinus
Water Agency, Slovenia

14.45–15.30 **Submerged sources of pollutants, a threat to health of the oceans**
Ezio Amato
ISPRA

15.30–16.00 Coffee break

16.00–16.45 **Sea bed mining: ecosystem impacts**
Daniela Zeppilli
IFREMER

16.45–17.30 **Legal aspects of maritime safety and security**
Gemma Andreone
CNR

Tuesday 18/07**Environmental sustainability**

9.00–10.30 **Economic Growth and Environmental quality: some introductory issues**
Jacopo Zotti
UniTS

10.30–11.00 Coffee break

11.00–11.45 **Chemical pollutants**
Michele Giani
OGS

11.45–12.30 **Long term changes in the Mediterranean circulation and climate**
Miroslav Gacic
OGS

12.30–14.00 Lunch break

Fisheries

14.00–14.30 **Tunisian marine ichthyofauna biodiversity: Update, threats and main challenges**
Mouna Rifi
INAT, Tunisia

14.30–15.00 **Impacts of fisheries in Mediterranean stocks and ecosystems**
Simone Libralato
OGS

15.00–15.30 **Integrated approaches for the sustainability of fisheries in the Mediterranean sea**
Simone Libralato
OGS

15.30–16.00 Coffee break

16.00–16.45 **Socio-economic conditions of the Mediterranean fisheries**
Dario Pinello
Nisea

16.45–17.30 **From data collection to plans for a sustainable exploitation of the sea**
Dario Pinello
Nisea

Wednesday 19/07**Sea-based economy**

9.00–9.45 **Energy from the winds in the marine environment**
António Sarmento
Dept. of Mechanical Eng.,
IST/UTL, Portugal

9.45–10.30 **Mitigation**
António Sarmento
Dept. of Mechanical Eng.,
IST/UTL, Portugal

10.30–11.00 Coffee break

11.00–11.45 **From wind-driven costal seas to sediment resuspension by maritime traffic**
Vlado Malačič
National Institute of Biology
(NIB), Slovenia

11.45–12.30 **Italian Navy – Hydrographic Institute**
Comandante Paolo Dei

12.30–14.30 Lunch break

14.30–16.00 **Closing ceremony and distribution of certificates at OGS premises in via Beirut, SISSA Building**

Valeria Fedeli
Minister, MIUR

Stefano Ruffo
Director, SISSA

Emmanuelle Gardan
Union for the Mediterranean
(UfM)

CV Luigi Sinapi
Director, Italian Navy
Hydrographic Institute

Maria Cristina Pedicchio
President, OGS

16.00 **Coffee break and drinks**
Leonardo Building
ICTP



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