

NEW THREATS FOR THE MARINE ENVIRONMENT

- 09:00-09:30 **Marine litter and microplastics in the Adriatic - DeFishGear project**
Petra Horvat - National Institute of Chemistry of Ljubljana
- 09:30-10:00 **Submerged Sources of Pollutants, a threat to the health of the oceans**
Ezio Amato - Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA)
- 10:00-10:30 **Oil spill hazard, a modeling approach**
Donata Melaku Canu - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 10:30-11:00 **Coffee break**
- 11:00-11:45 **The role of Hydrography in the Blue Economy**
CF Paolo Dei - Istituto Idrografico della Marina
- 11:45-12:30 **Discovering and accessing Marine Data and Information**
Alessandra Giorgetti - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 12:30-14:00 **Lunch break**
- 14:00-14:45 **Biotechnological solutions for the degradation of synthetic polymeric materials and the BLUEMED initiative**
Fabio Fava - Department of Civil, Chemical, Environmental and Materials Engineering (DICAM) - University of Bologna
- 14:45-15:30 **The Blue Economy: An Ocean Knowledge Economy**
Susan K. Avery - Woods Hole Oceanographic Institution
- 15:30-16:00 **Water today**
Alessandro Leto - MIUR
- 16:00 **Closing ceremony and distribution of certificates**



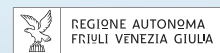
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In the context
of the BLUEMED Initiative



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

Building capacities and developing skills in the marine
and maritime sectors

4-8 July 2016

Giambiagi Lecture Hall, Adriatico Guest House, the
Abdus Salam International Centre for Theoretical Physics (ICTP),
Via Grignano n. 9, TRIESTE



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Monday
July

THE MEDITERRANEAN AND THE BLUE ECONOMY

- 09:00-10:00 **Registration**
Opening
- 10:00-11:00 **Prof. Maria Cristina Pedicchio** - President, OGS
Prof. Fernando Quevedo - Director, Abdus Salam International Centre for Theoretical Physics
Amb. Giovanni Caracciolo di Vietri - Secretary General, Central European Initiative
Min. Plen. Fabrizio Nicoletti - Italian Ministry of Foreign Affairs and International Cooperation
- 11:00-11:30 **Coffee break**
Group Photo
- 11:30-12:00 **Euro-Mediterranean Cooperation in Science and Innovation**
Abdelhamid El Zoheiry - Euro-Mediterranean University
- 12:00-12:30 **The role of the University of Trieste in the Smart Specialization Strategy**
Maurizio Fermeglia - University of Trieste
- 12:30-14:00 **Lunch break**
- 14:00-14:45 **Marine technology for the Blue Growth**
Emilio Campana - INSEAN-CNR
- 14:45-15:15 **Opportunities offered by TWAS to advance science in the developing world and the role of science diplomacy in creating dialogue between nations**
Massimo Paoli - TWAS
- 15:15-15:30 **Science diplomacy: Euro-Mediterranean dialogue and international cooperation**
Mounir Ghribi - OGS
- 15:30-16:00 **Coffee break**
- 16:00-16:20 **The 6th Assessment of the Intergovernmental Panel on Climate Change**
Anna Pirani - Université Paris Saclay
- 16:20-16:40 **ESFM: An International PhD program in Fluid Mechanics, Geophysics and Geology**
Michele Pipan - University of Trieste
- 16:40-17:00 **Opportunities offered by CEI**
Alessandro Lombardo - Central European Initiative
- 17:00-17:20 **Role of maritime clusters for Blue Growth**
Martina Rossi - MareFVG
- 17:20-17:30 **Open Discussion**

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Tuesday
JulyOPERATIONAL OCEANOGRAPHY CHALLENGE IN THE MEDITERRANEAN:
FROM OBSERVING SYSTEMS TO PRODUCTS FOR SCIENCE AND SOCIETY

- 09:00-09:30 **Operational oceanography for Blue Growth in Europe**
Glenn Nolan - EuroGOOS AISBL
- 09:30-10:00 **The RITMARE observing system**
Alessandro Crise - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 10:00-10:30 **Floats, drifters, gliders: the new frontiers in ocean observing**
Pierre-Marie Poulain - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 10:30-11:00 **Coffee break**
- 11:00-11:30 **Deep-sea observatories: EMSO experiences**
Francesco Italiano - Istituto Nazionale di Geofisica e di Vulcanologia (INGV)
- 11:30-12:00 **The Fix-point Open Ocean Observatory Network (FixO3)**
Vanessa Cardin - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 12:00-12:30 **Observing the marine ecosystems in the genomic era**
Daniele Iudicone - Stazione Zoologica "Anton Dorn" "
- 12:30-14:00 **Lunch break**
- 14:00-14:30 **Copernicus Marine Environment Monitoring Service - Mediterranean Monitoring and Forecasting Centre**
Giovanni Coppini - Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC)
- 14:30-15:00 **COPERNICUS CMEMS biogeochemical products (hands-on demonstration)**
Gianpiero Cossarini/Stefano Salon - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 15:00-15:30 **Observing the ocean from the sky (IR and visible)**
Rosalia Santoleri - CNR-ISAC
- 15:30-16:00 **Coffee break**
- 16:00-16:30 **Observing the ocean from the sky (microwaves)**
Paolo Cipollini - National Oceanographic Centre
- 16:30-17:00 **Abrupt shifts in the marine environment**
Alessandra Conversi - CNR-ISMAR
- 17:00-17:15 **Briefing on the field trip**
Emiliano Gordini - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS

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Wednesday
July

EXCURSION, GRADO-MARANO LAGOON

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Thursday
JulyTHE FUTURE OF OFFSHORE HYDROCARBON EXPLORATION
IN THE MEDITERRANEAN AND BLACK SEA

- 09:00-09:45 **The Mediterranean Salt Giant - New frontiers for scientific research**
Angelo Camerlenghi - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
- 09:45-10:30 **Black Sea: geology of an offshore sedimentary basin at the junction between Europe and Asia**
Alberto Pedretti - ENI
- 10:30-11:00 **Coffee break**
- 11:00-11:45 **Safety and security of offshore installations. The Italian implementation of the European Directive 2013/30/UE**
Ilaria Antoncecechi - Italian Ministry of Economic Development (MISE)
- 11:45-12:30 **The impact of hydrocarbon exploration on marine mammals**
Carla Alvarez Chicote - Submón
- 12:30-14:00 **Lunch break**
- 14:00-14:45 **The Hydrocarbon potential of the Western Mediterranean**
Alberto Riva - GEPlan Consulting
- 14:45-15:30 **Active faulting, seismogenic processes and productive gas reservoirs in the Adriatic Basin: a non-random, two-way relationship?**
Gianluca Valensise - Istituto Nazionale di Geofisica e Vulcanologia (INGV)
- 15:30-16:00 **Coffee Break**
- 16:00-16:45 **Engineering and environmental aspects of submarine pipelines**
Constantinos Hadjistassou - Department of Engineering University of Nicosia
- 16:45-17:15 **Hydrocarbon prospects in the Eastern Med, regional and EU energy needs**
Constantinos Hadjistassou - Department of Engineering University of Nicosia
- 17:15-17:30 **ESFM: An International PhD program in Fluid Mechanics, Geophysics and Geology**
Giovanni Costa - University of Trieste