

AUGMENTED OBSERVATORIES WORKSHOP:

In the framework of the G7 working group "Promote increased G7 political action by identifying additional action needed to enhance the future routine ocean observation" as part of the Action "The future of Seas and Oceans"

Naples, Italy

14-15 June 2017

AGENDA

WORKSHOP CHAIRS

Prof Roberto Danovaro, President, Stazione Zoologica Anton Dohrn
Dr. Daniele Iudicone, Stazione Zoologica Anton Dohrn

Note: Talks titles are to be considered as provisory

FIRST DAY – 14 June 2017

SEMINAR ROOM

12:30 **Workshop Registration**

13:30 **Lunch (Fresco room)**

Welcoming remarks

- Italian authorities: **Dr. Salvatore La Rosa**, Italian Ministry of Education and Research
- Host institution: **Prof Roberto Danovaro**, President, Stazione Zoologica Anton Dohrn

The G7 Actions on The future of Seas and Oceans.

- **Adrian P. Martin**, National Oceanography Centre (UK)

Background and objectives of the workshop

- **Daniele Iudicone**, Stazione Zoologica Anton Dohrn

14:30 **Patrick Wincker**: Challenges and successes in marine plankton -omics.

14:50 **Stéphane Pesant**: Challenges in organizing complex, multidisciplinary sampling programs.

15:10 **Laura Lorenzoni**: Marine observatories in the US

- 15:30 **Björn Fiedler:** Long-term systems of ocean observations: challenges and opportunities
- 15:50 **Coffee Break (Fresco room)**
- 16:20 **Rosalia Santoleri:** The present and future of remote sensing
- 16:40 **Willie Wilson:** On the future of the observations of marine planktonic ecosystems
- 17:00 **Johannes Karstensen:** Multidisciplinary ocean observing systems in the Global Ocean/Climate Observing System context
- 17:20 **Adrian P. Martin:** New technologies for ocean observations
- 17:30 **Colomban de Vargas:** Automated, high resolution microscopy and single cell -omics for aquatic ecology
- 17:40 **Thierry Comtet:** Benthic-pelagic coupling in the context of augmented observatories
- 17:50 **Pier Luigi Buttigieg:** From meta-omics to new ecological models
- 18:00 **Ulisse Cardini:** Measuring fluxes of matter and energy: going back from -omics?
- 18:10 **Lionel Guidi:** Understanding carbon fluxes using integrated approaches
- 18:20 **Adele Cutignano:** Metabolomics and marine resources
- 18.30 **Wrap up of first day**
 - Daniele Iudicone
- 18:45 **End of day one**
- 20:00 **Dinner (Fresco room)**
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SECOND DAY – 15 June 2017**SEMINAR ROOM**

- 09:00 **Ilaria Nardello:** The new observatories in the context of EU marine research infrastructures
- 09:20 **Christina I. M. Abildgaard:** Marine bioresources
- 09:40 **Kathrine Angell-Hansen:** coordination of public funding on marine biotechnologies
- 10:00 **Pier Francesco Moretti:** Science diplomacy 2.0: knowledge based support to policy
- 10:20 **Frank Oliver Glöckner:** challenges in marine omics: lessons from MicroB3
- 10:40 **Alessandro Crise:** The G7 Action 4: capacity building and observatories
- 11:00 **Coffee break (Fresco room)**
- 11:30 *Presentation of the sites/stations that are part of the initial core group*
- 12:30 **Lunch break (Fresco room)**
- 14:00 **Team working**
- 15:30 **Coffee break (Fresco room)**
- 16:00 **General session**
- 18:00 **Wrap up of the workshop and future perspectives**
- Daniele Iudicone
- 18:30 **End of the workshop**
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