



Workshop on training for less experienced users of hardware

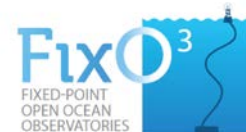


15-17 September, 2015

Trieste - Italy



Workshop Outline: Tuesday 15 September



Welcome by the OGS representatives

09.15 – 10.30

Introduction to ocean measurements. Open Ocean Observatories - Vanessa Cardin (OGS)

10.30 – 11.00 Coffee break

11.00 – 12.30

Best practices related to mooring set-up. Mooring configuration and CTD measurements. Data Quality Control - Manuel Bensi and Giuseppe Siena (OGS)

12.30 – 13.30 Lunch

13.30 – 14.30

Current Measurements. Current-meter and ADCP: principles of operation and applications
Laura Ursella (OGS)

14.30 – 15.30

Instruments set-up and applications - Manuel Bensi, Giuseppe Siena (OGS)

15.30 – 16.00 Coffee break

16.00 – 17.30

Visit and practice at the OGS Oceanographic Calibration Centre
Rajesh Nair and Cinzia Comici (OGS)





Workshop Outline: Wednesday 16 September



09.00 – 10.30

Oxygen measurements: Why and When? Anders Tengberg (Aanderaa and UGOT)

10.30 – 11.00 Coffee break

11.00 – 13.00

Oxygen measurements: how? Sensors inside and out with hands on demonstration and trials - Anders Tengberg (Aanderaa and UGOT)

13.00 – 14.00 Lunch

14.00 – 15.30

pH measurements: potentiometric determinations – Melchor González Dávila (ULPGC)

15.30 – 16.00 Coffee break

16.00 – 18.00

pH measurements: photometric and solid sensors – Melchor González Dávila (ULPGC)





Workshop Outline: Thursday 17 September



08.15 *Transport of participants to Grignano Marina where half of them will embark to carry out activities at sea - Paolo Mansutti, Alessandro Bubbi, Stefano Kuchler, Giuseppe Siena and Manuel Bensi (OGS)*
Rest of participants will be taken to the OCE-BIO headquarters

09.00 – 10.30 pCO₂: Instrument measurements. Methodological approach (First Group) - Michele Giani (OGS)

10.30 – 11.00 Coffee break

11.00 – 13.00 Laboratory measurements: pH and alkalinity. (First Group) - Michele Giani and Lidia Urbini (OGS)

13.00 – 14.00 Lunch

14.00 Depart of the second group towards Grignano Marina to carry out activities at sea

14.00 – 15.30 pCO₂: Instrument measurements. Methodological approach (Second Group) - Michele Giani (OGS)

15.30 – 16.00 Coffee Break

16.00 – 18.00 Laboratory measurements: pH and alkalinity (Second Group) - Michele Giani (OGS) and Lidia Urbini

18.00 Back to the city by bus with intermediate stop at Grignano Marina