

AGENDA

Wednesday, 23rd August 2017

12:15 - 13:00 Lunch - *provided by IOCCP*

Theme session 1: SOCAT – Update and road ahead

Leads: Dorothee Bakker (UEA, UK), Kim Currie (NIWA, New Zealand) & Are Olsen (UiB, Norway)

13:00 - 13:15 Ongoing and future activities

Speaker: Dorothee Bakker (UEA, UK) – 15 min, including:

- Data upload Camilla Landa (UiB, Norway) 5 min
- Automation of metadata upload Kevin O'Brien (NOAA PMEL, USA) 3 min
- Sea surface temperature, salinity and atmospheric pressure
- Other surface water parameters
- Surface water CH₄ and N₂O using SOCAT infrastructure Tobias Steinhoff (GEOMAR, Germany) with input from MEMENTO group − 3 min

13:15 - 14:00 Discussions on:

• SOCAT quality control

Speaker: Siv Lauvset (Uni Research Climate, Norway) – 5 + 10 min

• Atmospheric CO₂ – Value added, requirements

Speaker: Jonathan Bent (NOAA ESRL, USA) with input from Penelope Pickers

– 5 + 10 min

Calculated surface water fCO₂ from new observing platforms

Speaker: Rik Wanninkhof (NOAA AOML, USA) – 5 + 10 min

Theme session 2: GLODAP – Update and road ahead

Leads: Are Olsen (UiB, Norway) & Siv K. Lauvset (Uni Research Climate, Norway)

| 14:00 - 14:15 | Introduction Speaker: Are Olsen (UiB, Norway) – 10 + 5 min |
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| 14:15 - 14:30 | Data product QC and its shortcomings Speaker: Toste Tanhua (GEOMAR, Germany) – 10 + 5 min |
| 14:30 - 14:45 | Mapped product and why the error fields are so important Speaker: Siv Lauvset (Uni Research Climate, Norway) – 10 + 5 min |
| 14:45 - 15:00 | The robots are coming Speaker: Henry Bittig (LOV, France) – 10 + 5 min |



Theme session 3: Time Series – Data coverage and availability

Lead: Björn Fiedler (GEOMAR, Germany)

| 15:00 - 15:15 | Time Series Introduction [presentation]: Global initiatives/communities, OceanSITES, OCB/IOCCP, IGMETS, GOA-ON Speaker: Björn Fiedler (GEOMAR, Germany) – 15 min |
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| 15:15 - 15:30 | Time Series Data availability [presentation]: Status Quo, motivation and need for time series data product Speaker: Björn Fiedler (GEOMAR, Germany) – 15 min |
| 15:30 - 16:00 | Time Series Data product [discussion]: User/community needs, desired structure, quality control, establishment of a working group, fund raising opportunities Speakers: IOCCP SSG Members and auditorium – 30 min |

Theme session 4: Autonomous Sensors – What happens between unpacking the box and providing a useful information product?

Lead: Douglas Connelly (NOC, UK)

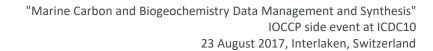
16:00 - 16:30 Coffee break - *provided by IOCCP*

| 16:30 - 16:50 | a useful information product Speaker: Douglas Connelly (NOC, UK) – 20 min |
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| 16:50 - 17:05 | Discussion topic: Biogeochemical EOV's, gaps and what sensors we need |
| 17:05 - 17:20 | Discussion Topic: Funding opportunities for Intercalibration exercises, training courses and further sensor development |
| 17:20 - 17:30 | Summary of discussion sessions |

Theme session 5: Carbon Data Management – Challenges and solutions

Lead: Benjamin Pfeil (UiB, Norway)

| 17:30 - 17:40 | CDIAC/NCEI OCADS: Recent changes and outlook Speaker: Alex Kozyr (NOAA NCEI, USA) - 7 min + 3 min questions |
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| 17:40 - 17:55 | Present state, challenges and outlook of a global CO ₂ data management: data products, GDAC, cross EOV integration, data integration from sensor data |
| | Speaker: Benjamin Pfeil (UiB, Norway) - 12 min + 3 min questions |





| 17:55 - 18:05 | Data integration: what can we learn from other communities? Speaker: Kevin O'Brien (UW/NOAA PMEL, USA) - 7 min + 3 min questions |
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| 18:05 - 18:15 | The next step of integrated data management example RI ICOS Speaker: Alex Vermeulen (ICOS ERIC, Sweden) - 7 min + 3 min questions |
| 18:15 - 18:30 | General discussion |