



SPECTRUM B

TUESDAY 7 MAY (9:45 - 12:15)

SPLINTER SESSION 6

In situ measurement protocol revision for cal/val

Co-CHAIRS Jean-Paul Huot (ESA) and Giuletta Fargion (San Diego State University)

09:45 - 10:05 **AOP protocols for field measurement**

Giuseppe Zibordi, JRC, EU

10:05 - 10:25 **IOP instrumentation in the lab**

Rüdiger Röttgers, Helmholtz-Zentrum Geesthacht, Germany

10:25 - 10:45 **IOP measurements in the field**

Jean-Francois Berthon, JRC, EU

10:45 - 11:05 **Biogeochemistry - lab/field instruments for carbon stocks and rates**

Heidi Sosik, Woods Hole Oceanographic Institution, USA

11:05 - 11:25 **Biogeochemistry - lab/field instruments for size of particles**

Michael Twardowski, WetLabs, USA

11:25 - 12:15 **Discussion**

SYNOPSIS

The session will review current protocols for AOP, IOP and biochemical measurements in the field and the lab. There will be five presentations (~10-15 minutes) by experts who will present what they consider to be the state-of-the-art. Each presentation will be followed by 10 minutes of discussions. At the end there will be a general discussion that will allow the co-chairs to write up the message that this session would like to pass on to the rest of the community (Total: 2.5 h)