







Satellite validation international workshop

Validating Copernicus Sentinel data using Fiducial Reference Measurements

20–21 June 2017, Plymouth, UK

The workshop will focus on the performance of Sentinel -1, -2 & -3 at retrieving ocean colour, sea surface temperature and upper ocean dynamics, in the open ocean and coastal environments and will identify potential strategies for the validation of Sentinel missions in the future.

Sessions include:

-  Fiducial Reference Measurement methods and protocols
-  Ocean colour validation
-  Sea surface temperature validation
-  Validation of upper ocean dynamics

The workshop should be beneficial to anyone with an interest in the validation of satellite data.

Registration deadline:

31 May 2017

www.amt4sentinelfrm.org



Keep up-to-date with workshop activities:
[@amt4sentinelfrm](https://twitter.com/amt4sentinelfrm)



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Workshop programme

Tuesday 20th June

Welcome plenary session

- 📍 Craig Donlon, Steve Groom, Susanne Mecklenburg, Andy Rees, Gavin Tilstone

FRM procedures, methodologies and protocol

- 📍 Jeremy Werdell (keynote), Andrew Banks, Giorgio Dall'Olmo, Craig Donlon, Hayley Evers-King, Rodney Foster, Tim Smyth, Kenneth Voss

Ocean colour validation: open ocean

- 📍 Shubha Sathyendranath (keynote), Robert Brewin, George Graham, Christophe Lerebourg, Constant Mazeran, Emanuele Organelli, Stefan Simis, Menghua Wang

Ocean colour validation: coastal

- 📍 David Doxaran, Silvia Pardo, Gavin Tilstone, Hans van der Woerd

Poster session and cocktail reception

Wednesday 21st June

Ocean colour validation: coastal

- 📍 Maycira Costa, Cédric Jamet, Nima Pahlevan

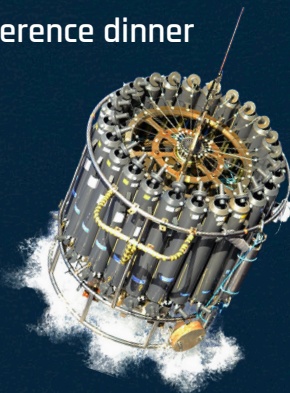
Sea surface temperature validation

- 📍 Peter Minnett (keynote), Anne O'Carroll, Prasanjit Dash, Jean-François Piolle, Werenfrid Wimmer

Validation of upper ocean dynamics

- 📍 Bertrand Chapron (keynote), Graham Quartly, Louis Marie, Francesco Nenioli

Conference dinner



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The workshop is hosted by the Atlantic Meridional Transect (AMT) for Fiducial Reference Measurements Campaign (AMT4SentinelFRM) which is led by Plymouth Marine Laboratory and includes two partners as subcontractors: the University of Southampton and the Institut Français de Recherche pour l'Exploitation de la Mer, Plouzane, France (IFREMER).

For further information about the workshop see our website, www.amt4sentinelfrm.org, twitter feed @amt4sentinelfrm or email comms.AMT4SFRM@pml.ac.uk

Satellite images courtesy of ESA, RRS James Clark Ross images by C. Gilbert and P. Bucktrout, British Antarctic Survey.