

LECTURERS

The team of lecturers will be composed of Principal Investigators (PIs) and Scientists from leading universities and research institutions.

DEADLINES

Application Submission (opening)	01 February 2015
Complete Application Submission with uploaded reference letter (closing)	31 May 2015
Notification of Acceptance	30 June 2015

FEES

No participation fees will be charged for the training. Participants are expected to finance their own travel and accommodation expenses. The official language is English.

ORGANISING COMMITTEE

Peter Regner | ESA

Yves-Louis Desnos | ESA

Bertrand Chapron | IFREMER

Francine Loubrieu | IFREMER

CO-SPONSORS

European Space Agency (ESA)

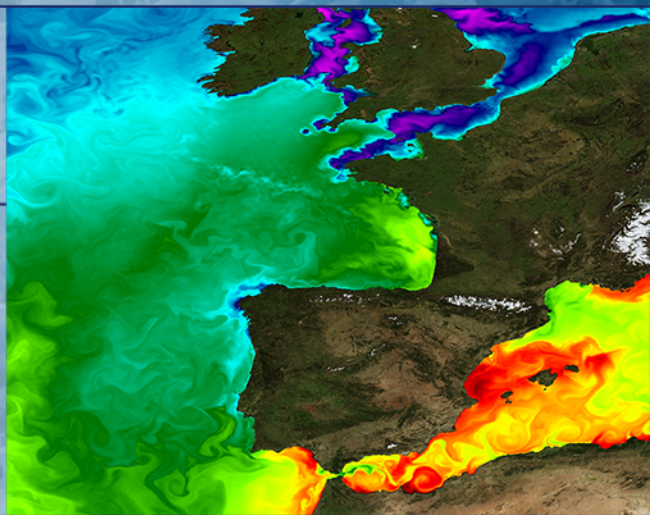
Centre Ifremer de Bretagne (IFREMER)

COORDINATION

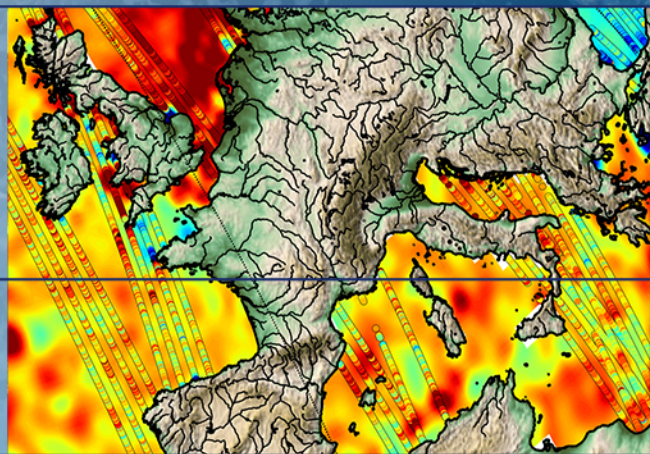
Earth Observation R&D Team

email: eotraining@esa.int

<http://seom.esa.int/oceantrainingcourse2015>



Sea Surface Temperatures | MyOcean



Sea-level detail from CryoSat | ESA/CNES/CLS



Ifremer



→ 4th ESA ADVANCED TRAINING ON OCEAN REMOTE SENSING

7–11 September 2015 | IFREMER | Brest, France



sentinel-1



sentinel-2



sentinel-3



smos



cryosat

BACKGROUND

As part of the Scientific Exploitation of Operational Missions (SEOM) programme element, the European Space Agency (ESA) is organising an advanced Ocean Remote Sensing Training Course, devoted to train the next generation of Earth Observation (EO) scientists to exploit data from ESA and operational EO Missions (e.g. Sentinels) for science and applications development.

PARTICIPATION

Post graduate, PhD students, post doctoral research scientists and users from European countries and Canada interested in Ocean Remote Sensing are invited to apply to the 5 day course on the subject.

Research scientists and students from all other countries are also welcome to apply and participate to the course subject to space availability.

APPLICATIONS

The number of participants is limited to a maximum of 50 students and subject to selection of application. On-line application submission will be available from 01 February to 31 May 2015.

OBJECTIVES

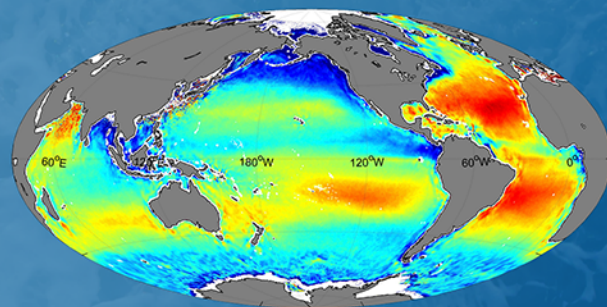
The Advanced Ocean Training Course aims at:

- Training the next generation of European and Canadian Principal Investigators (PIs);
- Explaining theoretical principles of Ocean Colour Radiometry, SST retrievals, SAR and Radar Altimetry principles and applications;
- Introducing tools and methods for the exploitation of EO satellite data;
- Stimulating and supporting the exploitation of the ESA Earth Explorer missions and the Sentinels for ocean remote sensing science and applications.

The training course will include formal lectures as well as hands-on computing exercises using SAR, Optical, IR and Altimeter data and the Sentinel Toolboxes.

VENUE

French Research Institute for Exploitation of the Sea - IFREMER
Centre Bretagne | ZI de la Pointe du Diable - CS 10070
29280 Plouzané - France



Ocean Salinity from SMOS | IFREMER, ESR, ESA



Western France | Envisat MERIS 2008



Ifremer Brittany Centre