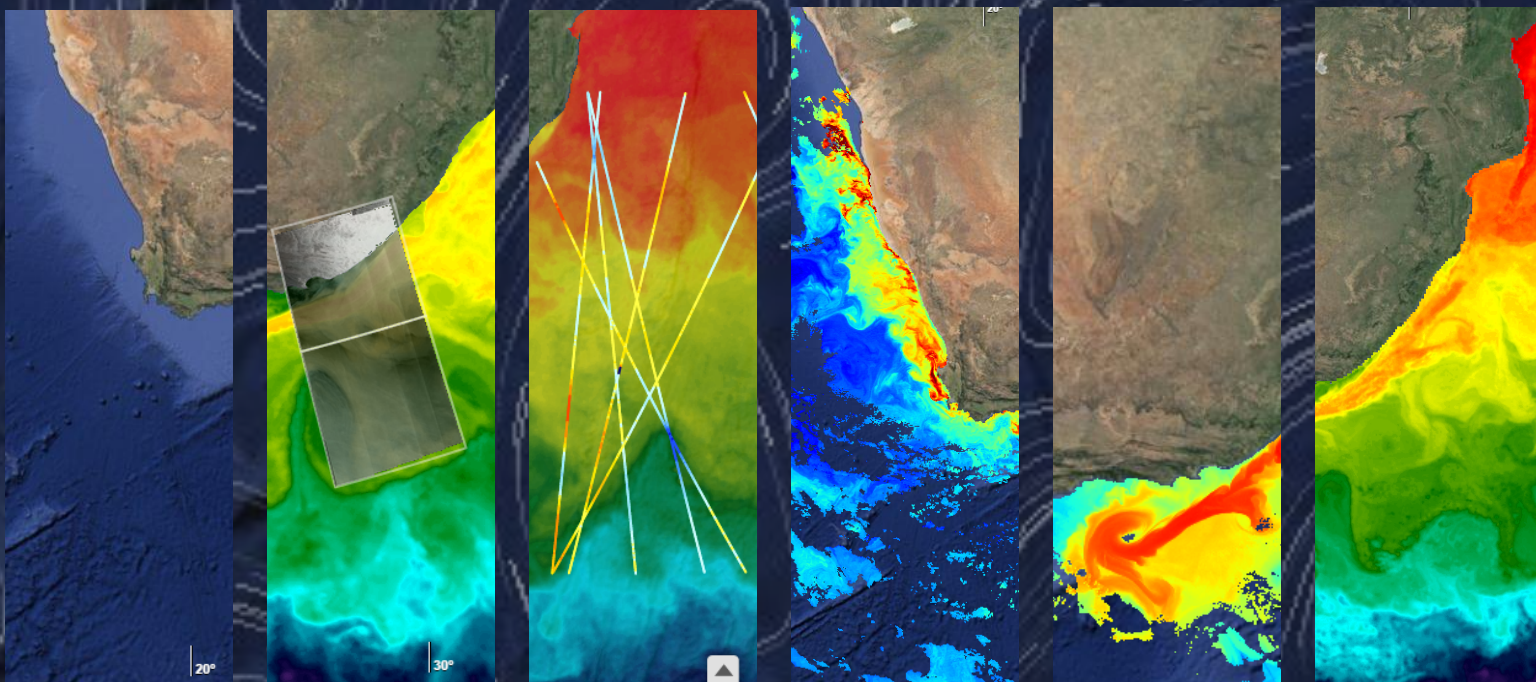# Ocean Virtual Lab

2nd ESA Training Course
on Ocean Multi-Sensor Synergy
UPT - Timisoara, Romania
25 / 26 October 2016

ovl-project.oceandatalab.com

OBJECTIVES

Discover and analyse, via the OVL platform, the synergy between various Ocean Remote Sensing datasets in the combination with model output and in-situ data

BACKGROUND

The European Space Agency (ESA) is organising a Multi-Sensor Synergy Training, focused on introducing new and efficient ways to process and exploit satellite data. Participants will be trained in how to utilise satellite remote sensing data and sensor synergy in view of the state of the art operational satellite missions.

APPLICATION

The number of participants is limited and subject to selection of application. Applications must be sent at the latest on the **30th of September.** Notification of acceptance will be sent via e-mail at the **beginning of October.** Participants are invited to write a short description of one of their subject of research and will be invited to present this subject and therefore receive specific expert advices, upon selection by the organizing comity. application form is available on the course **web page** :
https://ovl-project.oceandatalab.com/training-course-timisoara-2016
Training course contact point: *training-course.timisoara-2016@oceandatalab.com*

PROGRAMME

DAY 1 :
- Altimetry remote sensing
- SAR remote sensing
- Salinity remote sensing
- Ocean Color remote sensing
- SST remote sensing
- Python

Presentation of students projects

DAY 2 :
- Manipulation of the Ocean Virtual Lab Web interface
- Presentations of data enhancement and merging plugins : fusion, propagation, pan-sharpening, gap-filling, noise filtering

Work in groups
- Training Course conclusion

LECTURERS

The team of lecturers will be composed of Principal Investigators and Professors from leading universities and research institutions: NERSC (norway), Ifremer (France), OceanDataLab (France), PML (UK), Iopan (Poland), UPT (Romania).

TARGET GROUP

Post graduate, PhD students, post doctoral research scientists from European countries and Canada. Research scientists and students from all other countries are also welcome to apply up to the space availability limits. The prerequisites are : Basic knowledge in remote sensing and image processing, and basics of Python scripting.

FEES

No participation fees will be charged for the training. Participants are expected to finance their own travel and accommodation expenses. All materials will be provided, however participants need to bring their own laptops. The official language of the course is English.

VENUE

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