

Titre du projet : DRAKKAR/MYOCEAN 2015 Annual Workshop

Volet : *International*

Porteur du projet : *Bernard Barnier*

Laboratoires impliqués :

Organisation locale: *LGGE et LJK*

Comité scientifique: *LGGE-Grenoble, LPO-Brest, LOCEAN-Paris, NOCS-Southampton, GEOMAR-Kiel*

Bilan du projet pour l'année/la période

Bilan d'activité

The Annual DRAKKAR workshop was held on 26, 27 and 28 January 2015 in Grenoble. It gathered 84 registered participants, from 32 research institutions representing France, Germany, United Kingdom, United States of America, Sweden, Italy, Australia, Finland, Belgium, Russia, Netherland and Mexico. The scientific program, the list of abstracts and the workshop scientific report are available on the workshop [Website](#). The attractiveness of the workshop motivated the organization of two other international workshops in Grenoble, the agendas of which were coordinated with the program of the Drakkar workshop. A workshop of the Ocean Model Development Panel of CLIVAR, dedicated to the atmospheric forcing of ocean models for the next Co-ordinated Ocean-ice Reference Experiment (CORE) planned in CMIP6, was held on 29-30 January. A one day workshop dedicated to emerging studies on the intrinsic variability of the global ocean gathered a small community on January 29.

Illustration

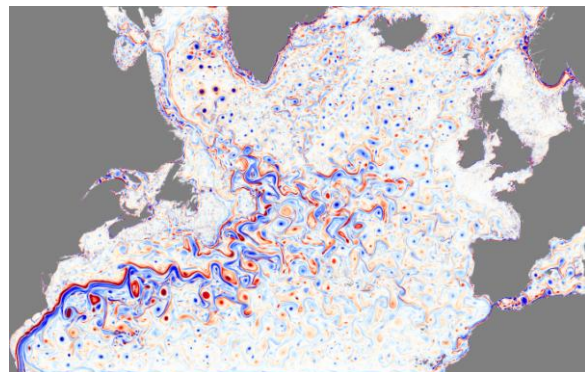
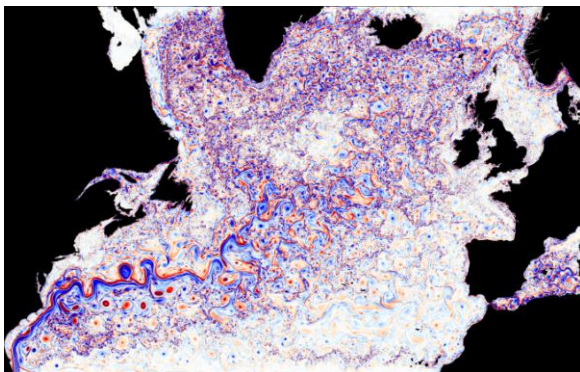


Figure (Courtesy of the MEOM Team of LGGE). The workshop was the occasion for the MEOM Team to present results from the latest and unique NATL60 simulation, a sub-mesoscale resolving (~ 1 km grid resolution) simulation of the ocean circulation in the North Atlantic. This simulation was realized at the occasion of the Grands Challenges GENCI 2014. The figure shows snapshots of the vorticity of the surface currents at the end of winter (left panel - March) and at the end of summer ((right panel - September). This quantity should be "observable" by the future satellite altimetry mission SWOT (launch planned around 2020) with a resolution equivalent to that of the model. The NATL60 simulation reveals a great seasonal variability of the very small scale turbulent eddies (sub-mesoscale) indicating that these small scale motions are generated by instabilities occurring in the upper ocean in winter when the mixed layer is deepened by strong air-sea interactions.

Production scientifique

- Meeting Rapport [[download](#)]
- List of Abstracts [[download](#)]

Bilan financier succinct

Crédits	
Origine	Montant (€)
GDR CNRS	5 142,78
AGPMF	3 605,75
OSUG	3 000,00

Dépenses	
Nature	Montant (€)
Organisation/Fonctionnement	7 605,75
Missions	3 232,78
Social Event	910,00

Budget total du workshop : 11 748.53 €

Annexes si besoin ou lien sur des sites existants et pérennes jusqu'à la fin du Labex (2020)

- Link to the workshop Website.

<http://lgge.osug.fr/meom/Events/Drakkar2015/>

Contact regarding the workshop: bernard.barnier@lgge.obs.ujf-grenoble.fr