

GEOVIDE special issue in Biogeosciences

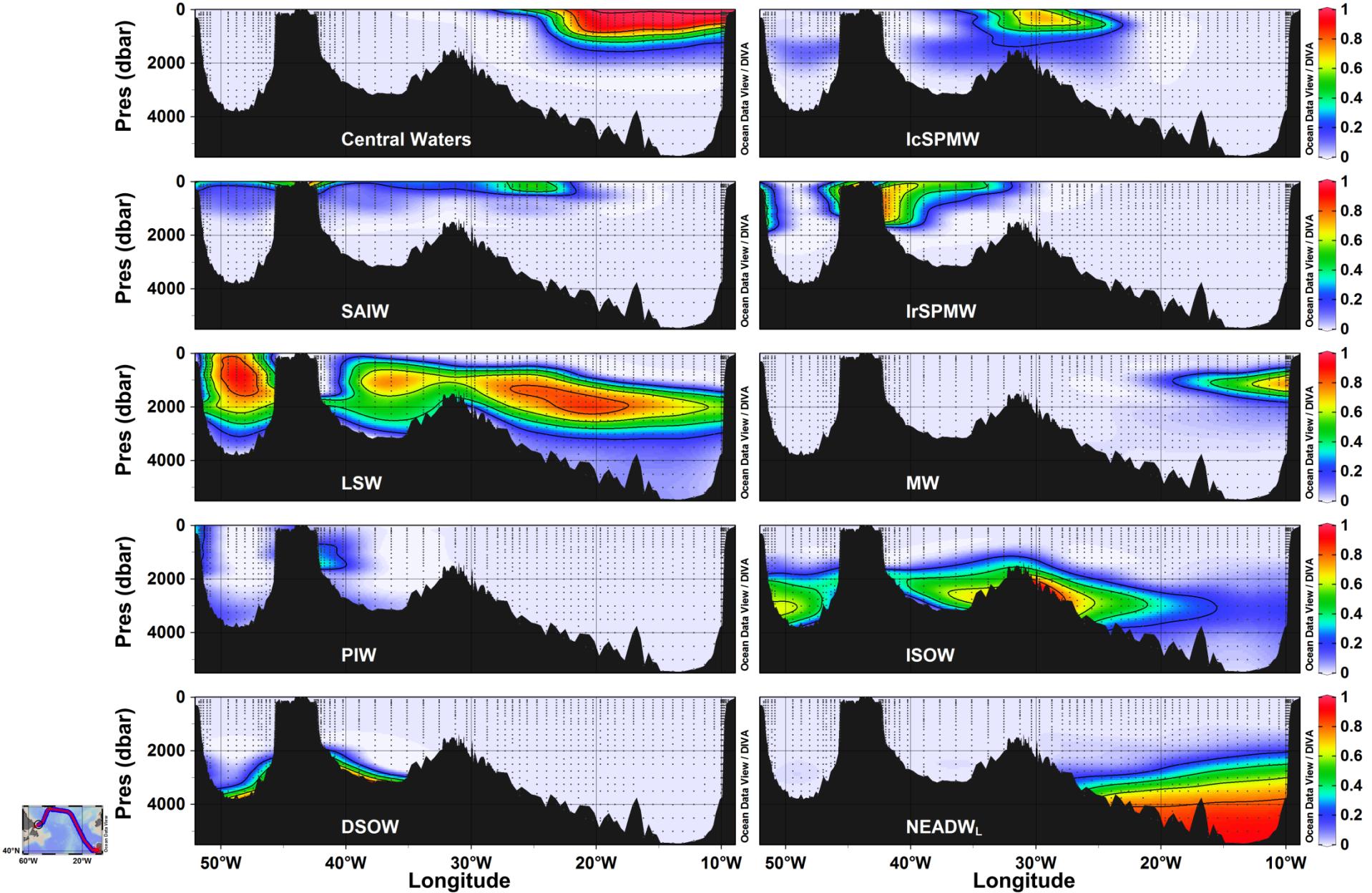
- Guest editors:
Géraldine Sarthou, Pascale Lherminier, Edward Boyle, Gideon Henderson, Maeve Lohan, Laurent Bopp.
- Title:
GEOVIDE, an international GEOTRACES study along the OVIDE section in the North Atlantic and in the Labrador Sea (GA01)

Preliminary list of manuscript

- Sarthou, Lherminier et al., General **introduction** of the GEOVIDE project and special issue
- García-Ibáñez et al., **Water mass** analysis for the GEOVIDE North Atlantic Section
- Zunino, Lherminier et al., **Physical** background of the GEOVIDE cruise: the **beginning of a change** in the Subpolar Gyre
- Tisserat-Laborde et al., ^{14}C in the North Atlantic
- Deng, Henderson et al., Assessing the uses of ^{231}Pa , ^{230}Th and ^{232}Th as proxies in the North Atlantic along the GEOVIDE transect.
- Castrilleji et al., **Artificial radionuclides** along the GEOVIDE transect
- Shelley, Sarthou et al., **Aerosol** soluble trace and major elements along the GEOVIDE transect
- Le Roy, van Beek et al., ^{226}Ra **distribution** along the GEOVIDE transect
- Van Beek et al., ^{228}Ra **distribution** along the GEOVIDE transect
- Sanial et al., **Particulate** ^7Be in the North Atlantic
- Tonnard, Sarthou, Planquette et al., **Dissolved iron distribution** in the North Atlantic Ocean and Labrador Sea along the GEOVIDE section
- Planquette, Sarthou, Gallinari, Deprez de Gesincourt et al., **Dissolved trace metal distribution** in the North Atlantic Ocean and Labrador Sea along the GEOVIDE section
- Gourain, Planquette et al., **Particulate trace metals** along the GEOVIDE section
- Menzel Barraqueta, Acheterberg, et al., **Aluminum distribution** along the GEOVIDE section
- Zurbrick, Boyle, et al., **Pb concentrations** and stable isotopes along the GEOVIDE section
- Cossa, Heimbürger, et al., **Mercury distribution and transport** in the North Atlantic Ocean: The GEOVIDE (Geotracers-GA01) transect.
- Lemaitre et al., Important mesopelagic **carbon remineralization** in the North Atlantic
- Lemaitre et al., **Carbon export** fluxes in the North Atlantic
- Yi et al, The application of $^{210}\text{Po}/^{210}\text{Pb}$ pair as a POC export tracer.

Water masses: Optimal Multi-Parameter analysis

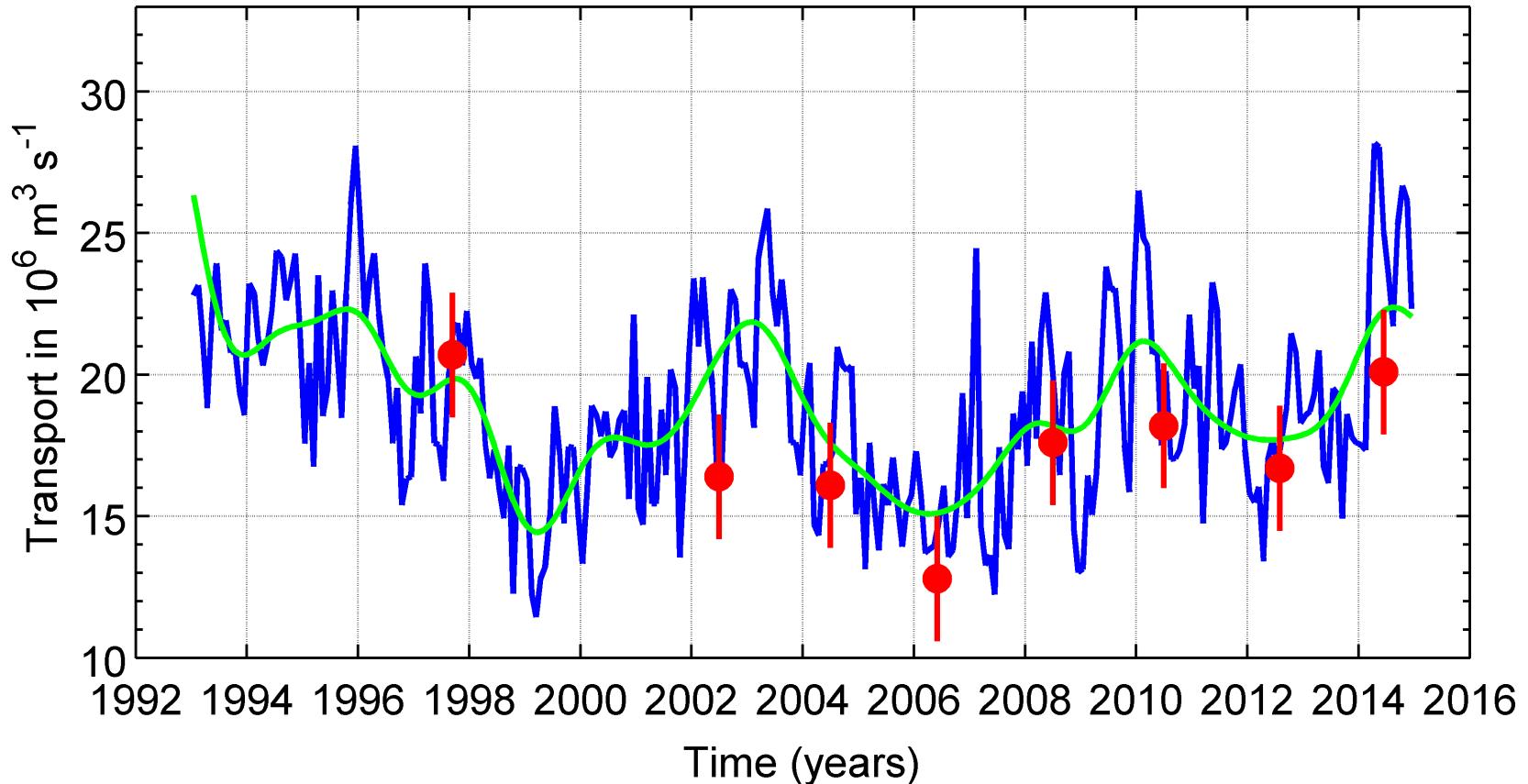
Maribel Garcia-Ibañez, Fiz Pérez



OVIDE 2018

- La campagne classée P1: Thalassa modernisée ?
- 20 ans d'observations
- Que devient l'anomalie froide et peu salée en Atlantique Nord ?
- Doit-on intégrer des mesures de SF6 en complément des CFCs ? Contact avec Univ. Of East Anglia.

MOC index



Mais le programme OVIDE, c'est beaucoup plus !

WP2.1: A European Ship ADCP database for GO- SHIP

P. Lherminier, C. Kermabon, P.
Le Bot, F. Le Hingrat, L. Petit de
la Villeon, M. Kramps

Author: Pascale Lherminier
Date: 2017/01/09
Version: 0

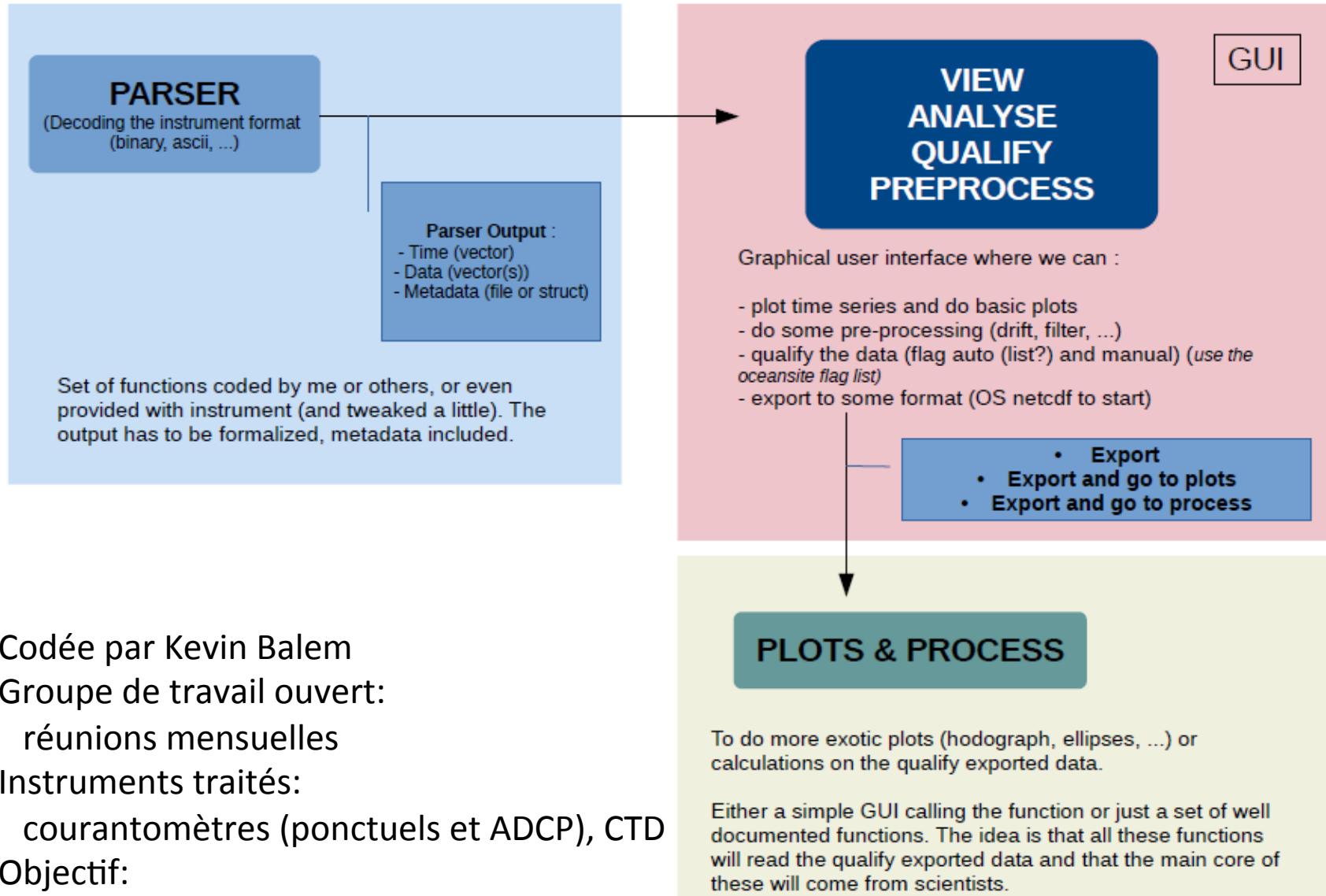
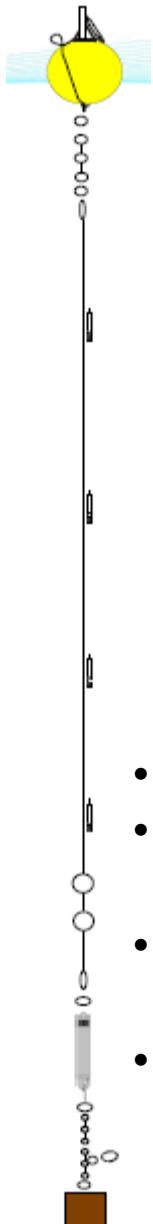


Objectives

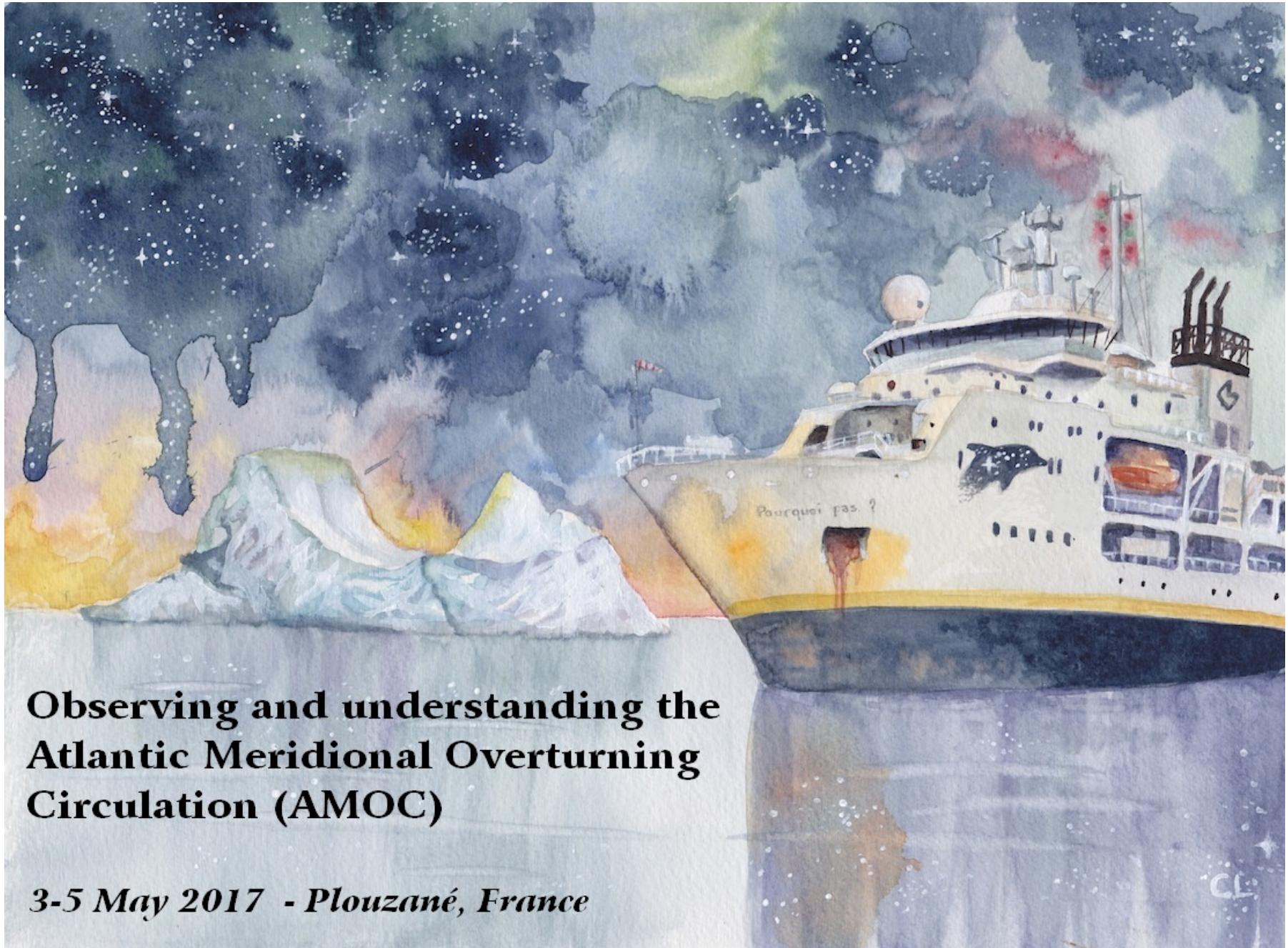
- Distribute Cascade, a simple processing tool to qualify the SADCP in RT or DT
- Facilitate the visibility of this huge amount of data that will be critical for future altimetry products
- Begin with GO-SHIP cruises in the Atlantic + the 1400 French cruises
- Connect with the JASADCP database in Hawaii.



Chaine de traitement des données de mouillages



- Codée par Kevin Balem
- Groupe de travail ouvert:
réunions mensuelles
- Instruments traités:
courantomètres (ponctuels et ADCP), CTD
- Objectif:
traiter rapidement les données RREX



Observing and understanding the Atlantic Meridional Overturning Circulation (AMOC)

3-5 May 2017 - Plouzané, France