



Work Package 6 Outreach

*on the MoorSPICE cruise
March 2014*

Annual SANGOMA Meeting, April 2014

MoorSPICE cruise, 2014

Program : SPICE international program

Location : Salomon sea

Research Vessel : T.G. Thompson



Main objectives :

- Understand air-sea fluxes and oceanic currents in Salomon Sea
- Describe local and global effects of water mass transformations
- Estimate impacts of water redistribution from the subtropics to the equator and the Southern Ocean (e.g. ENSO modulations)

Workshop participants

Participants are specialized in *in situ* observations. This workshop is an introduction to data assimilation and SANGOMA's work.

Participants :

- **2 chief scientists** (SCRIPS, San Diego ; IRD, Nouméa)
- **9 students** (University of Fiji ; University of Papua-New Guinea ; IRD, Nouméa ; SCRIPS, San Diego ; LEGOS, Toulouse ; MEOM, Grenoble)
- **5 engineers** (CNRS-INSU, Brest ; SCRIPS, San Diego ; IRD, Nouméa)
- **6 marine technicians** (University of Washington)

SANGOMA Workshop

Between observations and modelization

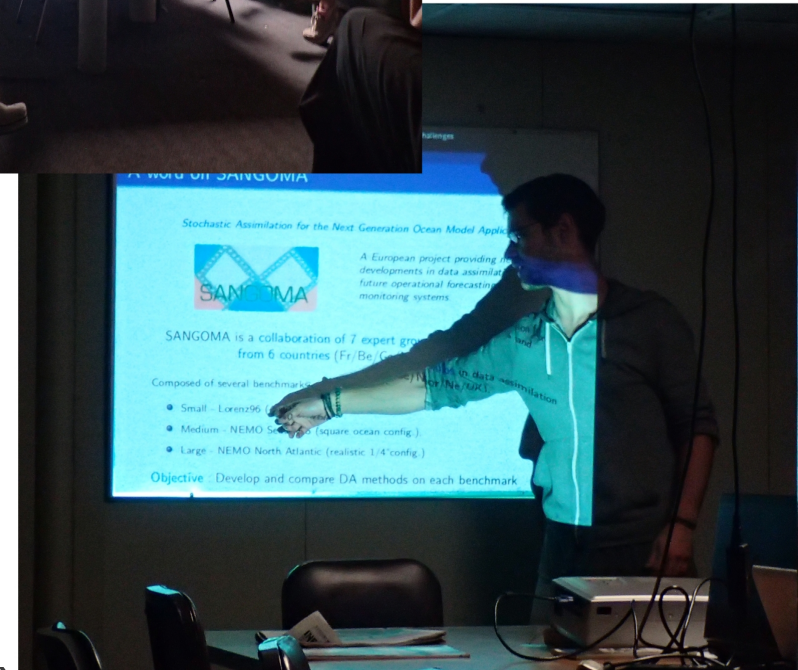
Workshop part I :

Sammy Metref



Introduction to data assimilation

- Introduction and challenges in DA
- SANGOMA presentation
- Training (SANGOMA demo webpage)



SANGOMA Workshop

Between observations and modelization

Workshop part II :

Florent Garnier

Toward data assimilation :

The use of stochastic parametrizations

- Presentation of ensemble simulations
- Basics on stochastic parametrizations
- Results on large benchmark

