

## **South Atlantic Meridional Overturning Circulation (SA MOC)**

The main objective of this workshop is to design the basis for an observational program for the MOC in the South Atlantic and the interocean exchanges. Also to discuss how the present observations support the observation of meridional fluxes of mass, heat and freshwater; how the observational array ought to be upgraded to better capture these fluxes and their variability, how this variability is related to the one in the Southern Ocean, and how to transform these observations into a long-term sustained program.

SAMOC 3 plans to get together international experts to design and plan the South Atlantic and inter-ocean exchanges element of an MOC observing system that would help address questions and challenges outlined in the documents and recommendations provided by OceanObs'09. It is expected that the workshop will foster international collaborations and will provide concrete basis for the implementation of the program.

(<http://atlanticmoc.org>) and ([http://www.atlanticmoc.org/meetingpubs/AMOC\\_Strategy\\_Document.pdf](http://www.atlanticmoc.org/meetingpubs/AMOC_Strategy_Document.pdf)). I hope the workshop can take concrete steps towards nailing down how (what, where, when, and who) to move forward. The Oceanobs whitepapers provide some general ideas, but more (implement-able) details are required.