

Be part of “My Science Cruise”

Onboard training in the framework of the semestertopic “Ocean Observation – from Sensor to Knowledge”

The Kiel Cluster of Excellence “The Future Ocean” announces special fellowships for onboard training in South Atlantic Research on the RV METEOR (cruise M 124). My Science Cruise is part of the activities of the new Future Ocean semestertopic “Ocean Observation – from Sensor to Knowledge”.

Observations are one of the cornerstones for understanding, assessing and predicting the ocean change and opportunities. The here proposed semester topic “Ocean Observations – from Sensor to Knowledge” will highlight new opportunities to streamline the workflow from data acquisition in the field, the conversion and processing of the data, and the generation and distribution of information and knowledge products.

Among a variety of scientific and outreach activities will be **“My Science Cruise”**, a practical sea going training opportunity covering mainly the field of physical oceanography with limited additional experiences in marine meteorology, surface layer biogeochemistry and plankton ecology on a “South Atlantic crossing”. The training is focussed on the participation in the RV Meteor cruise M124 and includes a supervised research project of topics that relate to the overarching theme: “Ocean Observation – from sensor to knowledge”. Specific research topics may include: the role of the South Atlantic in the global overturning circulation, Agulhas rings and their role in water mass exchange between the Indian and the Atlantic Ocean, meteorological conditions in the South Atlantic: Wind, temperature and radiation; Satellite data and ship based observation – differences and similarities; the ocean in a changing climate: Warming of the oceans – from surface to the very deep waters. Own topic proposals related to the South Atlantic are welcome!

Time schedule – Meteor M124 cruise

- 28. February 2016: Pre cruise science seminar
- 29. February: Start of cruise M124 in Cape Town, RZA
- 18. March: End of cruise M124 in Rio de Janeiro, Brazil
- 19. March 2016: Science projects final seminar presentations

Applications shall be send to Sabrina Speich (sabrina.speich@ens.fr) with cc to Johannes Karstensen (jkarstensen@geomar.de) by the 20th of December 2015.

Contact

Dr. Anke Schneider, anke.schneider@mail.uni-kiel.de

Coordinator Semestertopic “Ocean Observation”