Integrating data collected by animals into the Ocean Observing System

Today marine animals help to collect marine observations in some of the harshest environments on the planet, through the use of animal-borne instruments. Some of the tagged species travel thousands of kilometres continuously diving to great depths of more than 1000m. For example, the international MEOP (Marine mammals Exploring the Ocean Pole-to-pole) consortium currently distributes a collection of data from more than 1000 animal-borne instruments. Data loggers are continuously improving and more systematic quality control procedures are developed. Data standardisation across manufacturers and research projects are now consolidating animal borne instruments as a robust tool to collect oceanographic data in Polar Regions. The goal of this workshop is to synthesise the current state of integrating animal-borne instruments and their data into the Ocean Observing System, and discuss of a strategy for the future. The workshop will include several presentations followed by discussions.

Specific objectives and items to discuss:
1) Data sharing and standardization of formats
2) Recent advances and new opportunities
3) Increasing synergy between biology and physical communities

Schedule

09:00  Welcome (L. Boehme)
09:05  MEOP (F. Roquet)
09:20  EuroGOOS ABI (L. Boehme)
09:35  EMODnet (P. Gorringe)
09:50  IMOS (X. Hoenner)
10:05  ATN (B. Block)
10:15  Coffee break (15min)
10:30  GOOS (K. Hill)
10:45  Discussion Item1
11:30  Discussion Item2
12:15  Discussion Item3
13:00  Lunch