



New Biologging developments to investigate the foraging behavior and the environment of southern elephant seals

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The development and incorporation of new sensors in biologgers deployed on wide ranging deep diving predators such as elephant seals, allows the monitoring of an increasing number of oceanographic parameters. Historically measurements were restricted to the measurement of temperature, salinity, chlorophyll-a and dissolved oxygen. Currently, instrumental developments effort focusses on the characterization of the biological compartment of the ocean to investigate the fine scale foraging behaviour of these marine predators but also to assess the poorly known but essential mid-trophic level compartment of the Ocean. I will review new approaches we are implementing to improve our knowledge on phytoplankton, zooplankton and micronekton.



Monday, October 31st, 13.00
Zoophysiology Seminar Room (1131-127)