



Ligurian Air-Sea Interaction Experiment

J. Teixeira (1) and the LASIE group

(1) NATO Undersea Research Centre, La Spezia, Italy

The main scientific goal of the Ligurian Air-Sea Interaction Experiment (LASIE), which will take place from 14 June to 5 July 2007, is to contribute to the evaluation and development of parameterizations of the oceanic and atmospheric boundary layers and their interactions. To achieve this goal during LASIE a detailed characterization of the mean and turbulent structure of the ocean and atmosphere boundary layers in the Ligurian Sea will be carried out, through the utilization of ship-based (URANIA, PLANET and LEONARDO) meteorological and oceanographic observations such as atmospheric radiosondes and ocean microstructure measurements, taking advantage of two CNR and ENEA meteo-oceanographic buoys stationed in the Ligurian Sea and of the remote sensing capabilities available at the NATO Undersea Research Centre (NURC). In this presentation, some preliminary results will be discussed.