

# International Summerschool on Turbulence, Plankton and Marine Snow

1-5 September 2008, Barcelona, Spain

A one-week summer school is planned in the field of (geophysical) turbulence and its role on the swimming behaviour and contact rates of plankton, patchiness of plankton, bloom formation, marine snow formation. Attention will also be paid to the theory and modeling of geophysical turbulence, laboratory experiments, and in situ observation on plankton in turbulence.

The aim of the meeting is to provide an intense course on current advances in the field with six invited didactical lectures by top specialists in the subject. The main emphasis will be put on the **fluid-mechanical aspects of ocean flows, dispersion of species in small-scale turbulence** and the available numerical and experimental techniques to analyze those. Additionally, it is aimed to promote the **interactions between marine biology and fluid mechanics** by bringing together senior and junior scientists from both disciplines, and to stimulate discussions and interaction between colleagues from the two disciplines. Besides the keynote lectures there will be room for several lectures by senior researchers on specialized topics.

The Summer School is organized by:

- **Herman Clercx**, Fluid Dynamics Laboratory, Eindhoven University of Technology, the Netherlands (chairman)
- **Tim Pedley**, DAMTP, University of Cambridge, UK
- **Jaume Pera**, Marine Technology Unit, CMIMA-CSIC, Barcelona, Spain
- **François Schmitt**, CNRS, Director of Laboratory of Oceanology and Geosciences, France
- **Anton van Steenhoven**, Eindhoven University of Technology, The Netherlands

**Location:** Moli de Mar, Po Ermita de St. Cristofor (Far), Vilanova i la Geltrú, 08800 Barcelona, Spain

**Full fee:** 200 euro. The course fee includes lodging, lecture notes, coffee breaks, and conference diner. Payment must be received by August 1st, 2008.

For further details about the summer school, please visit the website <http://log.univ-littoral.fr/TP2008>.

Application submission deadline: **1 June 2008**