



**Workshop LIA MORFUN “Marine Biogeochemistry and Functional Ecology”.**

**5<sup>th</sup> December 2011, Amphithéâtre Alain Guille, Banyuls sur Mer.**

**Observatoire Océanologique de Banyuls sur Mer.**

Program

9:00h - Introduction and welcome– Dr. Philippe Lebaron

9:15 – The LIA MORFUN. Dr. Camila Fernandez.

9:30 - The COPAS Center, objectives and achievements, and its new Patagonia Project. Dr. Carina Lange.

Microbiology and functional Ecology

10:00 -Studying Biodiversity and Biotechnology of Microorganisms Using Molecular Tools. Dr Marcellino Suzuki.

10:30 - Rapid molecular techniques for the detection of toxic algae and their toxins. Dr. Linda Medlin.

11:00 - Oxygen minimum zone off central-south Chile: metabolism and strandings. Dr Renato Quiñones.

11:30 - Marine sunken woods as specialized niches for microbes. Dr. Sonja Fagervold.

12:00 - Biogeochemical response of microbial community to fresh water input in the fjords ecosystem of Chilean Patagonia: implications for potential glacier retreat. Dr. Marcelo Gutierrez.

12:30 - Lunch

Biogeochemistry and Oceanography

14:00 - Importance of plankton species diversity for the biological carbon pump. Dr Ian Salter.

14:30 - Biogeochemistry of organic matter in the coastal environment. Dr. Silvio Pantoja.

15:00 - Effects of dense water formations on biogeochemical cycles (NW Mediterranean Sea). Dr. Pascal Conan.



15:30 – Seasonal production and carbon cycling through pelagic fjord and channel ecosystem food webs in the Chilean Patagonia. Dr. Giovanni Daneri.

16:00 - Scales and persistence of biological response to mesoscale and small-scale physical forcing in the coastal ocean of central Chile. Dr. Fabian Tapia.

16:30 – Biodiversity protection and dispersion: the Gulf of Lions test case. Dr. Katell Guizien.