

<http://www.helsinki.fi/netice>

Lucca,
Italy



Gordon Conference

The Book situation

Hajo Eickens book should be read first in order to distinguish how the upcoming NetICE book would differentiate itself from the Eickens? The published book contains 600 pages, two chapters about biology, 20 pages about biota written by R.Gradinger.

Prof. Leppäranta suggested that there is still need for a 100-200 pages book explaining biology students the physics in biology language and physics students the biology in absorbable manner for physicians.

Conclusion:

The book of Hajo Eicken will be used as a base line for the planned student course. Yet at least our material will be pre-course book (i.e. University course material) that will provide material for the students before the participation. Therefore preparation for the pre-work shops and course, should be put forward in order to be able to organized a course i.e. in Umeå (March 28th- April 3rd 2011).

Our experiments with sea-ice samples showed no preference of heterotrophic bacteria for ammonium at the lower temperature, but showed preference for ammonium at both temperatures and high potential growth for both types of nitrogen supplies.

The experiments point out that ice maturity, presumably through changes in bacterial community structure impact nitrogen processes and that these processes are pronounced prior to melting of the ice.

Acknowledgements

NordForsk

The network activities will enhance younger researchers to be active in an international environment and enhance younger researchers in building researcher career.