

01.03 - 03.03.2010



future ocean
KIEL MARINE SCIENCES

INTEGRATED SCHOOL OF OCEAN SCIENCES

ISOS Course: Introduction to Numerical Modeling

Prof. Dr. Thomas Slawig, Department of Computer Sciences

01. - 03. March 2010 | 10.00 - 17.00 h

CAP4 (CAU main building), R.709, R.915

Models are widely used in the ocean sciences and thus in the Cluster Future Ocean. This course gives an overview in Numerical Modeling with both ordinary and partial differential equations.

You have the chance to

- * understand the basic discretization and solution techniques for differential equations
- * know how they are implemented
- * know where you can look for more information and software
- * get more experience in programming.

The course is aimed at PhD students and researchers with basic programming experience (e.g. with Matlab) that want to extend their skills in numerical mathematics, understand the basic features of simulation models and maybe the specific model they use. It includes introductory presentations and group work with and without computers.

Please register online at

www.isos.uni-kiel.de