

# Microsensor Analysis in the Environmental Sciences



NordForsk

## NordForsk International Research-Training Course

May 30 - June 8, 2012 at the Marine Biological Station Rønbjerg, Denmark

**OBJECTIVE:** The course will introduce the participants to state-of-art electrochemical and optical microsensor and imaging techniques and to their application in the environmental sciences. The participants will get a broad overview of techniques and applications during 2-3 days of intensive lecturing by the organizers and invited lecturers, followed up by practical laboratory exercises and demonstrations of sensor construction, test and calibration. The participants conduct an experimental project over 4-5 days under expert supervision. The course is evaluated via participant presentations and discussion of project results on the last full day of the course. The participants will also be asked to present their own research via short presentations during the course.

**Guest teachers:** Prof. Ingo Klimant (TU Graz); Prof. Peter J. Ralph (Univ. Technol. Sydney), Assoc. Prof. Helle Ploug (Göteborg Univ.)

More information will be available soon at: [www.mbl.ku.dk/mkuhl/microsensor2012](http://www.mbl.ku.dk/mkuhl/microsensor2012) (see also previous course site: [www.mbl.ku.dk/mkuhl/microsensor2010](http://www.mbl.ku.dk/mkuhl/microsensor2010))

**CREDITS:** 5 ECTS

**COSTS:** Transportation, accommodation and other course-related costs for participants from the Nordic and NordForsk-associated countries will be fully covered/reimbursed! The course fee for other participants is 700 EURO covering accommodation and full catering during the course, and these participants must cover their own travel expenses to/from the course.

**TARGET GROUP AND APPLICATION:** 18 PhD students and/or young scientists from the environmental sciences. Applications should contain a brief CV and a short description of research interests and motivation for applying for the course. In case of >18 applicants, the organizers will select the participants.

**DEADLINES:** Course applications should be forwarded to Michael Kühl before March 15 2012. All applicants will be informed about their course participation around April 1 2012. Teaching material will be forwarded to the participants 2-3 weeks before the course.

### ORGANIZERS:

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