

Time:

## Experimental boundary-layer meteorology course Ph.D. level course, 7.5 ECTS

16-20 April and 25-30 June 2012

Location Week 1: Department of Earth Sciences, Uppsala University Week 2: The Östergarnsholm field station, Baltic Sea http://www.geo.uu.se/awep/ostergarnsholm.html

> The first week involves lectures in for example: Arctic boundary layer meteorology Lidar measurements Air-sea interactions Marine aerosol and gas fluxes Modelling



Organisers Anna Rutgersson and Monica Mårtensson Contact: monica.martensson@geo.uu.se The aim of the course is to learn about the atmospheric boundarylayer and perform experimental studies within projects related to boundary-layer meteorology.

**Examination:** Written report and oral presentation

The second week involves: The field campaign



Top-level Research Initiative

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•Arctic boundary layer meteorology

- •Lidar measurements
- Air-sea interactions
- •Marine aerosol and gas fluxes

Modeling

The students start the planning of the experimental projects

The second week involves:

A field campaign

After this week the students write a scientific report, read the other groups reports and give/attend oral presentations in Web-based seminars.

Costs: Free for SVALI students

More information and deadline for registration will be available on SVALI's homepage early next year.



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