



Askö Day at Stockholm University

20 November 2014

Time: 13:00-17:00, November 20, 2014

Place: William-Olsson lecture hall, Geoscience building, Stockholm University

Website: www.su.se/ostersjocentrum/askoday

What research is conducted at the Askö Laboratory? What are the possibilities with existing and future resources? The idea and aim of the Askö Day is to present the excellent research that has been done on and around Askö in the last years to a broader audience. Furthermore Askö Day should give recent and future researchers, as well as course organisers and everyone interested, an opportunity to network and discuss on-going and future projects.

Programme

13.00 Welcome

- **Anders Karlhede**, Dean of the Faculty of Science, Stockholm University: Opening of Askö Day and the role of Askö at Stockholm University
- **Eva Lindell and Barbara Deutsch**, Askö Laboratory: Askö Laboratory in a nutshell

Block 1: Atmosphere and the water column

- **13:25 Susanne Kratzer**, Department of Ecology Environment and Plant Sciences, Stockholm University, talks about how bio-optical measurements and remote sensing data can be used to improve our understanding of coastal processes.
- **13:40 Helle Ploug**, Department of Biological and Environmental Sciences, Gothenburg University, talks about C- and N₂-fixation by large, filamentous Cyanobacteria and their impact on the plankton community in the Baltic Sea.
- **13:55 Ulf Arbeus and Magnus Carlsson**, Wallenius Water, describe the activity of Wallenius Water in the development of Ballast Water Cleaning Systems and Fish Farming (in Swedish).
- **14:10 Britta Eklund and Maria Bighiu**, Department of Applied Environmental Science, Stockholm University, describes projects from Askö concerning effects from boat activities.

14:25 Fika and mingle

Block 2: Life at the seafloor and sediment processes

- **14:45 Joakim Hansen**, Baltic Sea Centre, Stockholm University, presents research on shallow bay ecology from an Askö perspective.
- **15:00 Ellen Schagerström**, Department of Ecology Environment and Plant Sciences, Stockholm University, sets in her presentation the 'Focus on Fucus - research, resource & outreach'.
- **15:15 Lukas Mustajärvi**, Department of Applied Environmental Science, Stockholm University, describes a novel in-situ benthic flow-through chamber used for determining of release of hydrophobic organic contaminants (HOCs) from sediment to water.
- **15:30 Volker Brüchert**, Department of Geological Sciences, Stockholm University, talks about that sediment biogeochemical processes hold the key for nutrient budgets in the Baltic Sea.

Block 3: Longterm ecological research in the Askö area

- **15:45 Jakob Walve and Caroline Raymond**, Department of Ecology Environment and Plant Sciences, Stockholm University, Results and possibilities within the pelagic and soft bottom monitoring programmes

Block 4: Future possibilities and conclusion of Askö Day

- **16:10 Christoph Humborg**, Baltic Sea Centre, Research and resources in the future, including the new research vessel.
- **16:30** The Askö Laboratory team concludes

17:00 Baltic Bar at Gula Villan, Svante Arrhenius väg 33, next to the University Library
With presentation about the new Baltic Eye team and missions. www.su.se/ostersjocentrum/balticbar4