



Selskabet for Arktisk Teknologi

Medlemsmøde 05-2005

## **Is Arctic sea ice melting? - New challenges for Arctic Technology**

19. maj 2005 kl. 17:00

Dansk Polarcenter – Strandgade 100H – København K



### **Program:**

***Dr. Christian Haas, Alfred Wegener Institutet, Bremerhaven:***

Sporadic observations of sea ice thickness in the Arctic have revealed a drastic thinning of about 43% between the period 1951-1975 and 1993-1997. However, as those measurements have been performed only in a few regions of the Arctic Ocean, their interpretation in terms of climatic change is difficult. The presentation will review our current knowledge about ice thickness changes and ice thickness measurement techniques and will demonstrate the need for additional new technologies. The two main candidates for more systematic future thickness surveying are airborne electromagnetic sounding and in particular satellite altimeters. The presentation will also address logistic issues which can be complicated for airborne campaigns in the Arctic and Antarctic.

### ***Diskussion***

**Alle er velkomne**

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Efter indlæg og diskussion er der et let traktament for SAT's medlemmer.

Tilmelding til spisning er nødvendig senest tirsdag d. 17. maj. kl. 12 – på [www.sat.dk](http://www.sat.dk), til Lene Jensen, tlf.: 4810 4270 eller Helle Clausen, e-mail: [hc@byg.dtu.dk](mailto:hc@byg.dtu.dk).