



Selskabet for Arktisk Teknologi

Medlemsmøde 06-2003

# Proposal of the International Summit Environment Observatory. Why Summit?

6. november 2003 kl. 17:00

Geocenter København – Øster Voldgade 10 – København K  
(opgang N, stuen)

## Program:

*Prof.Dr. Atsumu Ohmura, Institute for Atmospheric and Climate Science,  
Swiss Federal Institute of Technology (ETH)*

Global Atmospheric Watch (GAW) is presently the most important network for monitoring of the atmosphere. The network has, however, a problem. Most sites are located in the maritime atmosphere and at very low altitudes, except two sites in lower latitudes. It is necessary to monitor the atmosphere at a site far from any strong emissions including sea surface. Summit of Greenland is almost ideal for this respect and other reasons which will be presented in the talk. The discussion includes a principal thought on what we need under so called "monitoring". There have been too many monitoring activities. The monitoring must be conceived for clear reasons in addition to evaluation of the present status. The speaker is proposing the Infra-red Radiometry at Summit to be organized so as to identify the anthropogenic greenhouse effect and at the same time to use the monitoring as a method for climate prediction which can be done independently of model predictions.

*Diskussion*

**Alle er velkomne**

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Efter indlæg og diskussion er der et let traktement for SAT's medlemmer. Tilmelding til spising er nødvendig senest d. 4. nov. – på [www.sat.dk](http://www.sat.dk), til Lene Jensen, tel.: 4810 4270 eller til Helle Clausen, e-mail: [hc@byg.dtu.dk](mailto:hc@byg.dtu.dk).