

**SSEC/CIMSS  
Seminar**

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CIMSS/AOS**

**ICECAPS –  
Atmospheric Research at Summit Station,  
Greenland**

The recent changes in the Arctic climate have increased interest in the Greenland Ice Sheet, as future changes in the ice mass balance have significant global implications. To help improve our understanding of the atmospheric conditions above the Greenland Ice Sheet, the ICECAPS project (Integrated Characterization of Energy, Clouds, Atmosphere and Precipitation at Summit) was started in Summer 2010 with the installation of a suite of advanced remote sensing instruments at Summit Station. The data collection has now been running continuously for over one year. Data collected at Summit Station adds a valuable perspective on the Arctic climate as well as the Greenland interior. I recently served as the ICECAPS science technician for two months in the Spring of 2011, and will discuss my experience supporting a field experiment in this challenging environment. A description of the instrumentation suite and some example data products will also be presented, as well as initial results from the first year of observations.

**Tuesday, 26 July 2011  
2:00 p.m.  
Room AOSS 351**