

## 5th Annual Polar Technology Conference Schedule of Events

Thursday	Presenter	Organization	Presentation Title
9:30 AM	Start of conference. Logistical matters. 30-second introduction by each attendee (who, affiliation, reason for attending)		
9:45 AM			
10:00 AM	Francis Halzen	IceCube Research Center	Overview of the IceCube Project
10:15 AM	Karthik Pandian	IceCube Research Center	Operating a Data Center at the South Pole
10:30 AM			
10:45 AM	Seth White	UNAVCO	Remote, low power, polar instrumentation systems: knowledge gained, lessons learned, and products available after 3 years' development.
11:00 AM			
11:15 AM			
11:30 AM	Guy Tytgat	IRIS PASSCAL	Power Management of Remote Instrumentation at Extreme Low Temperature.
11:45 AM			
12:00 PM	Tracy Dahl	Polar Field Services / CH2M Hill Polar Services	Installation details and operational performance of Proven 6 kW rated wind turbine at Summit Station, Greenland
12:15 PM			
12:30 PM	<b>Lunch</b>		
12:45 PM			
1:00 PM			
1:15 PM			
1:30 PM	George A. Weidner	Department of Atmospheric and Oceanic Sciences	The Antarctic Automatic Weather Station Program: The Challenge of Technological Change
1:45 PM			
2:00 PM	Brian Bonnett	IRIS PASSCAL	Development, testing, and deployment of cold rated Xeos Iridium systems
2:15 PM			
2:30 PM	Tracy Dahl	Polar Field Services / CPS	Clean Snowmobile Challenge
2:45 PM	Ethan Brodsky	UW-Madison	UW-Madison Electric Snowmobile Team
3:00 PM			
3:15 PM	<b>Break</b>		
3:30 PM	Open discussion on some topics NSF would like feedback on (e.g., modularity and standardization of equipment, SBD for comms, anchors and mooring). Interactive discussion on Polar technology knowledge transfer (e.g., meetings, workshops, Web, White Papers). Open discussion from attendees on system solutions needed or new discoveries.		
3:45 PM			
4:00 PM			
4:15 PM			
4:30 PM	Roy Stehle	SRI International	Experiences using an Iridium OpenPort transceiver in Greenland
4:45 PM			
5:00 PM			
<b>Friday</b>			
9:30 AM	Robert Melville	New Jersey Institute of Technology	Science & Engineering Aspects of the Automatic Geophysical Observatories
9:45 AM			
10:00 AM			
10:15 AM	Todd Valentic	SRI International	Designing a robust, low-power, embedded data acquisition and communications controller: Lessons learned from SRI's Iridium RUDICS deployments.
10:30 AM			
10:45 AM	Ad hoc project presentations. Continuation of Thursday's discussion on system support directions and tech transfer. Breakout sections on specific technologies (e.g., power, comms, insulation).		
11:00 AM			
11:15 AM			
11:30 AM			
11:45 AM			