

2013 PIRE Workshop on Firn Processes  
September 22<sup>nd</sup> and 23<sup>rd</sup>, 2013

Location: 330 Spiess Hall, SIO Campus

<b>Sunday, Sept. 22nd</b>		<b>Topic</b>	<b>Speaker(s)</b>
<i>Session 1: Advances and Applications in Firn Densification Modeling</i>			
<i>Moderator: Jessica Lundin</i>			
09:00	09:30	Welcome/ Participants intros	Ed Brook, OSU
09:30	10:00	Firn model Intercomparison (FirnMICE)	Jessica Lundin, UW
10:00	10:30	Impurity controlled densification	Johannes Freitag, AWI
10:30	11:00	Break	
11:00	11:30	Greenland temperature response to climate forcing during the last deglaciation	Christo Buizert, OSU
11:30	12:00	Discussion about morning sessions	
12:00	12:30	Consistent and optimized ice and gas chronologies for ice cores	Frédéric Parrenin, LGEE
12:30	13:30	Lunch	
13:30	14:00	Update on PIRE community firn model project	Ed Waddington, UW
14:00	14:30	Discussion	
<i>Session 2: New Observations of Firn (air) Processes Moderator: Christo Buizert</i>			
14:30	14:55	Measurements of gas diffusivity in firn	Alden Adolph, Dartmouth
14:55	15:20	Firn Microstructure Near Pore Close-off	Kaitlin Keegan, Dartmouth
15:20	15:30	A Comparison of the WAIS-Divide and Megadunes lock-in zones	Mary Albert, Dartmouth
15:30	16:00	Break	
Short Presentations:			
16:00	16:10	Past and future firn air campaigns at South Pole	Todd Sowers, Penn State
16:10	16:20	Air content in the WAIS-Divide record	Jon Edwards, OSU
16:20	16:30	Investigation of Ar/N <sub>2</sub> and O <sub>2</sub> /N <sub>2</sub> fractionation at bubble close off in GISP2	Takuro Kobashi, NIPR
16:30	17:00	Discussion	
17:00	18:30	Posters and Refreshments	

NOTES: \* PIRE Session tomorrow Monday, Sept. 23<sup>rd</sup> is in a different location (Ted Scripps room (165) in Seaside Forum).

\*\*If you are leaving tomorrow Sept. 23<sup>rd</sup>, 2013, check out time is noon. You may check out prior to this and stow your luggage in the reception area.

## 2013 PIRE Workshop on Firn Processes

Location: Ted Scripps Room (165) Seaside Forum

<b>Monday, Sept. 23rd</b>		<b>Session</b>	<b>Speaker(s)</b>
09:00	09:30	Observing and modeling the influence of layering on bubble trapping in polar firn	Logan Mitchell, OSU
09:30	10:00	Modeling age distributions of enclosed air in layered firn	Johannes Freitag, AWI
10:00	10:30	Discussions about morning sessions	
10:30	11:00	Break	
11:00	12:00	Final discussion and wrap up	Moderator: Jeff Severinghaus, Scripps