

2009 IPICS Workshop on Science and Technology for the Next Generation of International Ice Coring, Corvallis, OR July 6-7, 2009

CH2M Hill Alumni Center Room 115

FINAL AGENDA

Day 1 July 6		
Coffee	8:30-9:00	
Plenary	9:00-9:30	Introduction to the workshop and review of IPICS status (Ed Brook)
Plenary	9:30-11:00	Science Session 1: Climate and environmental history of the last 2 millennia from ice cores. (Chair: Eric Steig).
	<i>9:30-9:40</i>	<i>Introduction (Eric Steig)</i>
	<i>9:40-10:05</i>	<i>Antarctic meteorology in the context of ice core science (Dave Bromwich)</i>
	<i>10:05-10:30</i>	<i>Reconstruction of paleoclimate from Andean ice cores (Mathias Vuille)</i>
	<i>10:30-10:55</i>	<i>2 ka records in Greenland (Bo Vinther)</i>
	<i>10:55-11:00</i>	<i>Wrap up (Eric Steig)</i>
Break	11:00-11:30	
Plenary	11:30-1:00	Science Session 2: What do we know, and what do we want to know, about the last interglacial period from ice cores? (Chair: Ed Brook)
	<i>11:30-11:45</i>	<i>Introduction to the ice core record of the last interglacial and NEEM update (Jim White)</i>
	<i>11:45-12:05</i>	<i>Terrestrial Perspectives (Chronis Tzedakis)</i>
	<i>12:05-12:25</i>	<i>Marine Perspectives (Jerry McManus)</i>
	<i>12:25-12:45</i>	<i>Climate Model Perspectives (Bette-Otto Bliesner)</i>
	<i>12:45-1:00</i>	<i>Discussion</i>
Lunch	1:00-2:00	
Breakout Groups	2:00-4:00	Separate planning sessions for 2 ka and NEEM/Last Interglacial projects. (Chairs: 2ka: Eric Steig; Interglacials: Jerome Chappellaz)
Break	4:00-4:30	
Plenary	4:30-5:30	Group discussion of results of planning sessions. (Chair: Eric Wolff)
Steering Committee	5:30-6:30	IPICS Steering Committee Business Meeting (Ed Brook and Eric Wolff)
Conference Dinner	7:00-9:00	Dinner at Gathering Together Farm

Day 2 July 7		
Coffee	8:30-9:00	
Plenary	9:00-10:30	Science Session 3: 1.5 Million Years of Polar Ice Sheet History (Chair: Eric Wolff)
	9:00-9:05	<i>Oldest Ice Science Plan (Eric Wolff)</i>
	9:05-9:20	<i>New data from AGAP for finding oldest ice (Richard Hindmarsh)</i>
	9:20-9:35	<i>New data from ICECAP for finding oldest ice (Duncan Young)</i>
	9:35-9:45	<i>Latest geophysical data from Dome A, and implications for an oldest ice site (Hou Shugui)</i>
	9:45-10:00	<i>Accumulation rates across the Antarctic plateau (Massimo Frezzotti)</i>
	10:00-10:15	<i>Where current ice sheet models with existing data say the oldest ice is (Richard Hindmarsh)</i>
	10:15-10:30	<i>Discussion</i>
Break	10:30-11:00	
Plenary	11:00-12:30	Science Session 4: Climate Dynamics of the last 40,000 Years from Ice Cores (Chair: Rob Mulvaney)
	11:00-11:15	<i>Introduction and review of 40 ka ice core records (Rob Mulvaney)</i>
	11:15-11:30	<i>40 ka greenhouse gas records (Hubertus Fischer)</i>
	11:30-11:45	<i>Speleothem records of the last 40 ka (Dominik Fleitman)</i>
	11:45-12:00	<i>Oceanography/modelers perspective on the patterns of orbital and millennial-scale variability over Antarctica (Axel Timmerman)</i>
	12:00-12:15	<i>Modes of climate variability during MIS3 (Nick Pias)</i>
	12:15-12:30	<i>Discussion</i>
Lunch	12:30-1:30	
Breakout	1:30-3:30	Separate planning sessions for 1.5 Ma and 40 ka projects. (Chairs: Oldest Ice: Jeff Severinghaus; 40ka: Rob Mulvaney)
Break	3:30-4:00	
Plenary	4:00-5:00	Group Discussion of results of planning sessions. (Chair: Ed Brook)
Plenary	5:00-5:30	Wrap up and next steps. (Chairs: Ed Brook and Eric Wolff)

PAGES OPEN SCIENCE MEETING RECEPTION AT 6:30 PM ON JULY 7 IN CH2M HILL ALUMNI CENTER (THIS BUILDING)