



AGENDA

Ice Drilling Program Ice Core Working Group Community Meeting
Virtual meeting via Zoom; times listed are Eastern

Sponsor and IDP Executive Director: Mary Albert, Dartmouth

IDP Ice Core Working Group Conveners:

Erich Osterberg, Dartmouth

TJ Fudge, University of Washington

Thursday April 2, 2020

Opening Remarks

11:00 Welcome: Mary Albert

11:05 NSF Remarks: Paul Cutler

11:20 Meeting goals: Erich Osterberg & T.J. Fudge

Potential Future Science for Ice Coring: Arctic and Mid-latitudes

11:30 Arctic research questions for ice cores – Dom Winski

11:40 Qaanaaq – Erich Osterberg

11:50 South Dome, Greenland – Jessica Badgeley (invited)

12:05 North Pacific Projects – Karl Kreutz

12:15 Questions from Himalaya mountain glaciers – Summer Rupper (invited)

12:30 15 minute break

Potential Future Science for Ice Coring: Antarctica and the Moon

12:45 Center for OLDest Ice Exploration STC proposal – Ed Brook

12:55 Shallow coring for old ice – John Higgins

1:05 Herc Dome Project update – TJ/Steig

1:15 Replicate Coring at Herc Dome – Vas Petrenko

1:25 Taylor Dome Firnification – Kaitlin Keegan

1:35 WAIS Coastal Cores – Peter Neff

1:45 East Antarctic Cores - Sarah Aarons (invited)

2:00 Lunar ice – James Green

2:15 15 minute break

Brief Ice Drilling Technology Updates

2:30 Hot water drilling capability at UNL – David Harwood

2:40 Future ice coring technologies – James McManis

2:50 Portable ultralight ice core drilling system for high altitude use – Paolo Gabrielli

3:00 Drilling for neutrino projects – Michael DuVernois

3:10 IDP drill system updates – Krissy Slawny

3:20 RAID – Jeff Severinghaus

Ice core storage update

3:40 NSF Ice Core Facility update - Lindsay Powers

4:10 NSF ICF questions for the community – Geoff Hargreaves

4:25 Updating the IDP Long Range Science Plan – Mary Albert

4:30 Summary and closing remarks – Erich & TJ

4:45 Adjourn



AGENDA

Ice Drilling Program Ice Core Working Group Meeting
Virtual (Zoom) ICWG discussion on Friday April 3, 2020
All times listed are Eastern time zone

Friday April 3

11:00 Welcome: Mary Albert

11:05 ICWG Discussion items: Erich Osterberg

- Ice Core Facility needs discussion – TJ Fudge
 - Building & cold rooms
 - Should ICF have “Clean” space?
 - Location for making thin/bubble sections?
 - Ice core processing
 - Ice core storage for wide-diameter cores
 - Ice core tubes at ICF
 - Action items for ICWG Recommendation regarding the NSF ICF
- Ice Core Data sharing discussion - Andrei Kurbatov
- How best to facilitate interaction with the NASA lunar ice core group
- We were planning to have a detailed discussion on increasing community inclusivity and diversity
 - How do we make progress on this?
 - Is there a place for this in the LRSP?
- ICWG Action items for the Long Range Science Plan – Mary Albert
 - Discussion of specific items on the current (2019-2029) technology priority lists
 - Incorporate the white papers
- **EXECUTIVE SESSION**: ICWG rotation - Erich Osterberg
 - Member rotations:
 - Erich and Eric are rotating off this summer
 - Who will plan to rotate off NEXT summer, 2021? (should be 2 people)
 - Need nominations for folks to rotate on. Some names that have been suggested.
 - Need to update the Terms of Reference