

## AGENDA

### IceCube Neutrino Observatory - NSF's Site Visit (March 16-19, 2020)

#### ICNO Management & Operations - **Virtual Review**

222 W. Washington Ave. Suite 500, Madison, WI 53703 (<https://wipac.wisc.edu/about/contact>)

**Zoom Meeting:** <https://wipac-science.zoom.us/j/333483224> (details at the end of Agenda)

**Monday, March 16, 2020 (CDT)**

**WIPAC/Supernova Conference Room**

**09:00 – 10:30 NSF's Initiative on Property Oversight and Management** – This topic will focus on broad changes underway with NSF's oversight and management of research-relevant property in the custody of its Recipients. Mid-level management representatives from the University of Wisconsin's Research and Sponsored Programs (specifically responsible for property management and accounting) and the WIPAC managers are requested as the discussion will be strategic in nature. NSF Representatives including the relevant NSF Programs, Grants and Agreements Officer, Large Facilities Office Liaison and MPS Property Initiative Liaison will be in attendance.

**09:00 – 09:05 Dial-Up, Setup (Kael Hanson)**

**09:05 – 09:20 Introductions and Objective of Discussion - Donna O'Malley, NSF**

**09:20 – 09:40 Background & Overview of NSF's Property "Initiative" - Florence Rabanal, NSF**

**09:40 – 10:30 Discuss NSF Property (Florence Rabanal)**

- Property Lexicon list
- Vehicle Case Study, as applicable

**10:40 – 11:00 Review/discuss - U. Wisc./WIPAC Questions and Next Steps (Florence Rabanal)**

**IceCube Neutrino Observatory M&O Review**

**WIPAC/Supernova Conference Room**

**ICNO/M&O - Presentations and Supporting Materials:**

**Web link** <https://docushare.icecube.wisc.edu/dsweb/View/Collection-16067>

**12:00 – 12:15 Introductions, meeting overview and logistics (Kael Hanson)**

**12:15 – 13:45 ICNO Science and Management**

1. Science Overview (30 min) - **Francis Halzen**
2. IceCube Collaboration (20 min) – **Darren Grant**
3. Technical Issues and Future Plans-IceCube M&O 2021-2026 (20 min) - **Albrecht Karle**
4. Education & Outreach (20 min) – **James Madsen**

**13:45 – 15:05 ICNO Detector Operation**

5. IceCube Calibration Program (20 min) - **Summer Blot**
6. IceCube Computing (software, local & remote computing, simulation, and reconstruction tools, 30 min) - **Benedikt Riedel**
7. Detector Operations (IceCube and IceTop, data movement, data quality, field support & logistics, hardware upgrades, 30 min) – **John Kelley**

**15:05 – 15:15 Break**

**15:15 – 16:05 ICNO Administrative:**

8. Advisory mechanisms (Science Advisory Committee, Software & Computing Advisory Panel, International Oversight and Finance Group, 25 min) - **Kael Hanson**
9. M&O Finance Management & Common Fund (25 min) - **Catherine Vakhnina**

**16:05 – 17:35 NSF Executive Session (discussion, wrap-up, homework assignments)**

**17:35 – 18:00 Meeting with ICNO Leadership for homework assignments**

**18:00 Adjourn**

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**Tuesday, March 17, 2020 (CDT)**

**Supernova Conference Room**

**ICNO/Upgrade Project - NSF Site Visit Review - **Virtual Review****

**Zoom Meeting: <https://wipac-science.zoom.us/j/333483224> (details at the end of Agenda)**

**ICNO/Upgrade - Presentations and Supporting Materials:**

**Web link <https://docushare.icecube.wisc.edu/dsweb/View/Collection-16067>**

**08:00 – 08:30 NSF Executive Session with ICNO Leadership on the goals of this review**

**08:30 – 09:20 Upgrade Project Management, Staffing & Financial Status – **Farshid Feyzi****

**09:20 – 09:50 Update on the ICNO-Upgrade Technical Design Status – **Michael DuVernois****

**09:50 – 10:35 Upgrade Implementation Status and Plans – **Terry Benson & Farshid Feyzi****

**10:35 – 10:45 Break**

**10:45 – 11:25 Modules Status and Plans - **Timo Karg****

**11:25 – 12:00 Communications, Power, and Timing Status and Plans – **Tyce DeYoung****

**12:00 – 13:00 Lunch break**

**13:00 – 13:40 Calibration Systems Status and Plans - **Dawn Williams****

**13:40 – 14:20 Data Systems, Integration with IC Dataflow Status and Plans - **Erik Blaufuss****

**14:20 – 15:00 Earned Value Management System (EVMS) - **Catherine Vakhnina****

**15:00 – 15:20 Schedule and Cost Database - **Marek Rogal****

**15:20 – 15:40 Environmental Assessment, Safety, Quality & Risks - **Michael Zernick****

**15:40 – 16:00 Break**

**16:00 – 16:45 NSF Executive Session (discussion, wrap-up, homework assignments)**

**16:45 – 17:30 Meeting with ICNO Leadership for homework assignments**

**17:30 Adjourn**

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Zoom Meeting: <https://wipac-science.zoom.us/j/333483224> (details at the end of Agenda)

Wednesday, March 18, 2020 (CDT)

Supernova Conference Room

- 08:00 – 09:00** NSF Executive Session with ICNO Leadership on the Upgrade Status  
**South Pole Comprehensive Field Work Assessment, FY 2021-2025 - Virtual Review**
- 09:00 – 12:15** FY 2021 - FY 2025 Fieldwork Discussion
- 09:00 – 09:45** Fieldwork plans for ICNO/M&O activities - **Kael Hanson & M&O Team**
- 09:45 – 10:30** Fieldwork plans for ICNO/Upgrade - **Farshid Feyzi & Upgrade Team**
- 10:30 – 10:45** **Break**
- 10:45 – 11:30** Fieldwork plans for SPT/CMB activities - **John Carlstrom & SPT Team**
- 11:30 – 12:15** Fieldwork plans for BICEP/CMB activities - **John Kovac & BICEP Team**
- 12:15 – 13:00** **Lunch break**
- 13:00 – 14:15** Brainstorming session on fieldwork combined plans and logistics
- 14:15 – 15:45** Working session on finding matches between Science and Station projects
- 15:45 – 16:00** **Break**
- 16:00 – 16:45** Drafting field plans for each austral summer season, FY 2021 – FY 2024
- 16:45 – 17:15** **NSF Executive Session (discussion, homework assignments)**
- 17:15 – 18:00** Meeting with ICNO and CMB Leadership for homework assignments
- 18:00** **Adjourn**

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Zoom Meeting: <https://wipac-science.zoom.us/j/333483224>

Thursday, March 19, 2020 (CDT)

Supernova Conference Room

- 08:00 – 09:00** NSF Executive Session with ICNO and CMB Leadership on fieldwork plans
- 09:00 – 10:00** NSF/Business Systems Review – ICNO/WIPAC/UW Central - Summary

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### Video Teleconference Information

IceCube M&O and Upgrade Planning Committee invites you to a Zoom meeting:

Join Zoom Meeting: <https://wipac-science.zoom.us/j/333483224>

Phone calls only: +1 646 876 9923 333483224# US (New York - East Coast)

+1 669 900 6833 333483224# US (San Jose – West Coast )

Meeting ID: 333 483 224