

V'th SNOLAB Workshop
August 21-23, 2006

Draft v5, August 18, 2006

Purpose:

1. To evaluate status and progress on SNOLAB development and individual projects proposed for SNOLAB.
2. To implement an initial suite of experiments and User's Group.
3. To further develop the scientific program for SNOLAB.

Agenda: Monday, August 21

08:30 – 09:00 0.1 Registration

Chair: Tony Noble

09:00 – 09:10 I.1 Welcome (David Sinclair)

09:10 – 09:40 I.2 Status Construction & Development (Fraser Duncan)

09:40 – 10:00 I.3 Operations (Fraser Duncan)

10:00 – 10:30 I.4 Scientific Program Development (Andrew Hime)

10:30 – 11:00 Break

Reports on individual projects are organized around the endorsements by the Experiment Advisory Committee (EAC) during the previous workshop and potential new developments and proposals. Technical presentations should focus on:

1. *Technical Progress*
2. *Infrastructure & Strategy*
3. *Schedule*

Section II below lists those projects endorsed by the EAC at the IV'rth SNOLAB Workshop. In parentheses are the single points-of-contact (or designated speakers) responsible for organizing their presentation at the workshop along with their collaborators.

Chair: Kate Scholberg

11:00 – 11:30 II.1 SuperCDMS (Dan Bauer ... 25+5 min)

11:30 – 12:00 II.2 DEAP (Mark Boulay ... 25+5 min)

12:00 – 12:30 II.3 ZEPLIN (Tim Sumner and Hanguo Wang ... 25+5 min)

12:30 – 14:00 Lunch

Chair: Baha Balantekin

14:00 – 14:30 II.4 PICASSO (Viktor Zacek ... 25+5 min)

14:30 – 15:00 II.5 Majorana (Aksel Hallin ... 25+5 min)

15:00 – 15:30 II.6 EXO (David Sinclair ... 25+5 min)

15:30 – 16:00 Break

Chair: Baha Balantekin

16:00 – 16:30 II.7 SNO⁺ (Aksel Hallin ... 25+5 min)

16:30 – 17:00 II.8 CLEAN (Dan McKinsey ... 25+5 min)

17:00 – 17:30 II.9 HALO (Clarence Virtue ... 25+5 min)

Banquet

Agenda: Tuesday, August 22

Section III is reserved for potential new developments or proposals to site experiments at SNOLAB. New proposals, or developments of LOI's previously submitted to SNOLAB will be considered by the EAC.

Chair: John Martin

09:00 – 09:25 III.1 GERDA (Alan Caldwell)

09:25 – 09:50 III.2 COBRA (Kai Zuber)

09:50 – 10:15 III.3 XENON (Tom Shutt to Confirm)

10:15 – 11:00 Break

Chair: John Martin

11:00 – 11:25 III.4 COUPP (Juan Collar ... 20+5 min)

11:25 – 11:50 III.5 Noble Liquid Tracking Detectors (Jeremy Dodd ... 20+5 min)

11:50 – 12:15 III.6 SIGN (James White ... 20+5 min)

12:15 – 14:15 Lunch for Participants

12:15 – 14:15 Working Lunch for EAC

Many synergies and common infrastructure requirements exist amongst different experiments searching for rare events underground. Section IV is dedicated to such discussions.

Chair: [Kate Scholberg](#)

14:15 – 14:40 III.6 Proving the Dark Matter Signal is Real (Dave Cline ... 20+5 min)

14:40 – 15:05 IV.1 Radioactivity Screening at SNOLAB (Ian Lawson ... 20+5 min)

15:05 – 15:30 IV.2 Radon (Aksel Hallin ... 20+5 min)

15:30 – 15:50 IV.4 A Common Water Shield (Tom Shutt ... 20+5 min)

15:50 – 16:20 IV.5 Underground Seismic Research (Eleanor Sonely ... 25+5 min)

Chair: [David Sinclair](#)

16:20 – 17:30 V.I Discussion and Close-Out

[Agenda: Wednesday, August 23](#)

Reserved for SNOLAB Tours