

Northern-Auger Workshop at FNAL

Updated on 9/30/03

October 3rd (Friday) at Main Auditorium

9:00 - 10:20am Science

[Chair: Sommers]

- [10] Goal/Agenda of the meeting (Arisaka)
- [10] All sky coverage with Northern Auger (Cronin)
- [10] Science Case (Olinto)
- [10] Science Case (Ralph Engel)
- [10] Science Case (Sommers)
- [20] Open Discussion on Science Case

10:40 - 12:10pm Site

[Chair: Nitz]

- [10] Concept of Extended Auger Observatory (Arisaka)
- [15] Aperture of Extended array (Chou)
- [45] Update on sites
 - [10] Utah site (Fick/Martens)
 - [10] Colorado site (Harton)
 - [10] Atmosphere Condition at Utah (Lawrence Wiencke)
 - [10] Atmosphere Condition at Colorado (Miguel Mostafa)
 - [5] Extension of Malargue site (Ingo Allekotte)
- [20] Open Discussion on site

1:30 - 3:30pm Detector

[Chair: Mantsch]

- [40] Presentation on Possible Detector Options
 - [20] Radio Detection (Andreas Haungs)
 - [10] Water Tank (Michael DuVernois)
 - [10] Water Tank (Arun Tripathi)
- [50] Open Discussion of Detector Option
 - [20] With or Without FD? (Watson/Sommers)
 - [10] Outrigger
 - [10] Infill/Dense Array
 - [10] Radio Option
- [30] Discussion and Formation of Working Groups
 - [10] Tasks/Plan on four working groups (Arisaka)
 - [5] Science Case (Olinto/Parizot/...)
 - [5] Detector R&D (Bluemer/Mantsch/...)
 - [5] Detector Simulation & Optimization (Sommers/Knapp/...)
 - [5] Site/Coordination (Nitz/Harton/...)

4:00 - 5:00pm

Wine & Cheese talk (SNO/Mark Chen)

5:00 - 7:00pm

Reception/informal discussion at Users Center

- Working group discussion

Oct 4th (Saturday) at Main Auditorium

9:00 - 11:00am Discussion with TA/HiRes [Chair: Bluemer]

- [10] Brief Summary of Friday Discussion (Watson)
- [30] Status and Plan on Southern Auger
 - Construction schedule/ expected sensitivity (Mantsch)
 - Strategic Plan on early physics release (Watson)
- [20] Status and Science case of TA (Fukushima)
- [20] Future Plan & Low energy extension of HiRes (Thomson/Sokolsky)
- [30] Question & Discussion on TA/HiRes

11:00 - 12:30pm Working group activities

1:30 - 3:30pm Open Discussion [Chair: Watson]

- [80] Report/Discussion on working groups (led by group leaders)
 - [20] Science case
 - [20] Detector R&D
 - High priority items,
 - Schedule, Budget
 - [20] Detector simulation & optimization
 - [20] Site/Coordination: Utah vs. Colorado
 - Selection criteria
 - Action items, schedule, Budget
- [30] Short presentation by new/potential collaborators
 - [5] Utah/HiRes (Sokolsky)
 - [5] MPI (Teshima)
 - [5] Canada (Chen)
 - ...

4:00 - 5:30pm Discussion for Future [Chair: Bluemer]

- [30] Collaboration with TA
- [20] Preparation of EOI/Funding Request
- [20] Long term schedule/ Plan for full proposal

7:00 - 9:00pm

Collaboration buffet dinner at Prairie Landing Golf Course