
2017 IceCube Science Advisory Committee Meeting Agenda

September 11 & 12, 2017

Caltech
West Bridge Building Room 351
1165 E. California Boulevard
Pasadena, CA

This meeting will focus on future upgrades to the IceCube Neutrino Observatory, in particular the IceCube Gen2 Phase 1 upgrade for which a proposal has been submitted Fall 2016. The proposal reviewed extremely favorably (see reviews in SAC directory). Nevertheless, our NSF program officers are holding the proposal in an indeterminate state pending the submission of a brief white paper that details the Phase1 science program independent of any future Gen2 observatory.

Question #1: Does our current white paper make a compelling science case for the Phase 1 upgrade? What areas could be improved?

Question #2: How would including some aspects of the full Gen2 array (radio detectors and surface scintillator arrays) into the scope of Phase 1 impact the current mid-scale proposal?

Agenda

Monday September 11		
8.30 – 9.00	SAC Closed Session	
9.00 – 9.40	IceCube Science	Dawn Williams
10.00 – 10.40	Gen2 Science	Francis Halzen
11.00 – 11.30	Break	
11.30 – 12.30	The Gen2 Wideband Neutrino Observatory	Albrecht Karle
13.00 – 14.30	Lunch	
14.30 – 15.00	Better Ice Better Neutrino Astronomy	Albrecht Karle
15.00 – 15.40	Phase 1 Science Goals	Ty deYoung
16.00 – 16.30	Break	
16.30 – 17.00	Phase 1 Project and Technical	Kael Hanson
18.30 – 21.00	Dinner at Faculty Club	
Tuesday September 12		
8.30 – 9.15	SAC Closed Session	
9.15 – 10.00	Open Discussion	
10.00 – 12.00	SAC draft report writing	
12.00 – 12.30	Closeout	

SAC DocuShare Directory at <https://docushare.icecube.wisc.edu/dsweb/View/Collection-14820>. Please use login sac2015 and password IceCube15.