

An aerial photograph of the SBN experimental site, showing various buildings and structures. A dashed orange line with arrows indicates the path of the Booster Neutrino Beam from the Target Hall to the SBN Near Detector and SBN Far Detector. Labels include 'SBN Far Detector', 'SBN Near Detector', 'Booster Neutrino Beam', and 'Target Hall'.

# Report from SBN IB

Kevin McFarland  
SBN OB Meeting  
12 March 2021

# SBN Structure and Organization

- Last OB meeting, we discussed the possibility that I might need to step down. But COVID crisis at my University that I had in mind has not materialized.
- In parallel, active committee is writing By-Laws for SBN IB that includes election of a deputy.
  - Planning to let that process carry on at its normal pace.
- Expect vote on By-Laws in April IB meeting.

# SBN Rules-Writing committees

- Most SBN rules-writing committees presented drafts, in various states, at the February IB meeting.
  - D3C has more short-term specifics to work through, and will be presenting first at April meeting.
- Discussions focused on:
  - Initial determination if results use SBN or collaboration process, and role of SBN process if it is the latter.
  - Coordination between functions: result approval (RAC), publications (PubComm), speakers (SC)
  - Involvement of existing SBN Analysis organization for joint analyses.

# SBN Rules-Writing committees (cont'd)

- Next steps
  - Respond to feedback from the SBN IB meeting.
  - Continue soliciting feedback on rules from SBND and ICARUS collaboration IBs and leadership.
  - Next discussion at April IB meeting.
  - Unlikely to be ready to ratify any proposals there, but perhaps at next-next meetings.
- Process should allow for sufficient feedback from SBND and ICARUS, but if another formal approval step is needed, we should decide this. Ratification by SBND/ICARUS IBs, for example?

# Other IB Business

- I've been approached about formation of an "SBN Young" group, and have encouraged that.
  - Will propose adding representatives to SBN IB.
- IB web page that includes public summaries of IB minutes (edited down from detailed version available to members) now available.
- Next meeting in April.

# Backup



# List of Rules Writing Committees

- **Group #1: Scientific result approval committee (RAC)**
  - This committee will follow a process to decide if a given scientific result should be reviewed by the SBND collaboration, the ICARUS collaboration, or by a joint process. In the case of a joint SBND/ICARUS process for reviewing the result, this group will need to define that procedure.
- **Group #2: Publication review committee (PubComm)**
  - For all SBN publications, this committee will assemble the author list, according to its rules. In the case that a paper describes a scientific result approved by a joint process, this group will also be charged with the review process for the paper, and determine when the paper is ready for submission.
- **Group #3: Speakers committee (SC)**
  - This committee will collect speaker requests for the SBN experiments. It will first decide if the request should go through a SBND only process, an ICARUS only process, or a joint process. Since so many speaker requests are joint across the SBN program, as a practical matter, the group should consult with the existing SBND and ICARUS speakers committee and collaboration leadership to determine if a single merged speakers committee should be considered.
- **Group #4. Dataset and Computing Coordination Group (D3C)**
  - The SBN experiments will need to make joint decisions about when datasets are ready for common analysis, and how to prioritize computer resources for those datasets. This group should advise on that function, and should coordinate with SBN collaboration to make joint decisions about datasets and use of computing resources. This committee will also oversee the technical implementation of access to SBN analysis software and to SBN data for all SBN collaborators.

# Membership of Rules Writing Committees

**Result Approval:** Costas Andreopolous , Mark Convery, Bill Louis (chair), Sandro Palestini, Fernanda Psihas, Stephen Dolan

**Publication Review:** Maurizio Bonesini, Dan Cherdack Albert De Roeck), Elizabeth Worcester (chair), Animesh Chatterjee

**Speakers Committee:** Minerba Betancourt, Sowjanya Gollapinni, Alessandro Menegolli (chair), Jarek Nowak, Francesco Poppi

**Datasets and Computing Coordination:** Wes Ketchum (chair), Mitch Soderberg, Andy Mastbaum, Gianluca Petrillo, Francesco Pietropaolo, Diana Mendez, Mateus Carneiro

**IB ByLaws Committee:** Milind Diwan, Jae Yu, Chao Zhang