

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', 'MicroBoNE', 'SBN Near Detector', 'Booster Neutrino Beam', and 'Target Hall'.

# Report from SBN IB

Kevin McFarland  
SBN OB Meeting  
11 September 2020

# Recent SBN IB progress

- SBN rules-writing committee members identified with two exceptions (out of seventeen members). Immediate next steps on these groups:
  - Approval of committee memberships by IB (email)
  - Kickoff meeting
  - Progress reports at next IB meeting
- Initial website completed.
- Planning for next SBN IB meeting (October)

# SBN IB Progress and Leadership

- ❑ I've had significant, unexpected University commitments (COVID) that have slowed IB work.
  - ❑ At the moment, this work is more manageable.
  - ❑ But that is only one major event away from changing.
    - ❑ Most likely possibility is COVID cases among our 4000 resident students exceeding a NYS threshold of 100 cases. Currently zero cases.
- ❑ If this happens and if IB work is more urgent than I can manage, we'll need a succession plan.

# Next SBN Topics

- Reports from rules writing committees.
- Report from SBN analysis group, with focusing on computing infrastructure, and data and software access.
- Membership and authorship in SBN.
  - Should make rules as consistent as possible with SBND and ICARUS membership rules.
- Permanent rules (by-laws) for SBN IB.

# Backup



# List of Rules Writing Committees

- **Group #1: Scientific result approval group**
  - This group will 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 process**
  - For all SBN publications, this group 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**
  - This group 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**
  - 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 group will also oversee the technical implementation of access to SBN analysis software and to SBN data for all SBN collaborators.

# Last SBN IB Meeting May 29, 2020

- Procedure for migrating to joint Slack
- Discussion of documents and minutes
  - Web page almost ready to go live
  - Decide to have “moderately secure” notes of IB.
  - Also propose open summaries for collaboration.
  - Suggestions to add “young” observers to IB to help foster communication and encourage topics to be brought to IB.
- Proposal to collect longer-term concerns related to COVID. (Individual detector collaborations are more focused on commissioning and construction, short term.)