

Report from SBN IB

Kevin McFarland
SBN OB Meeting
11 December 2020

SBN Far Detector

MicroBoNE

SBN Near Detector

Booster Neutrino Beam

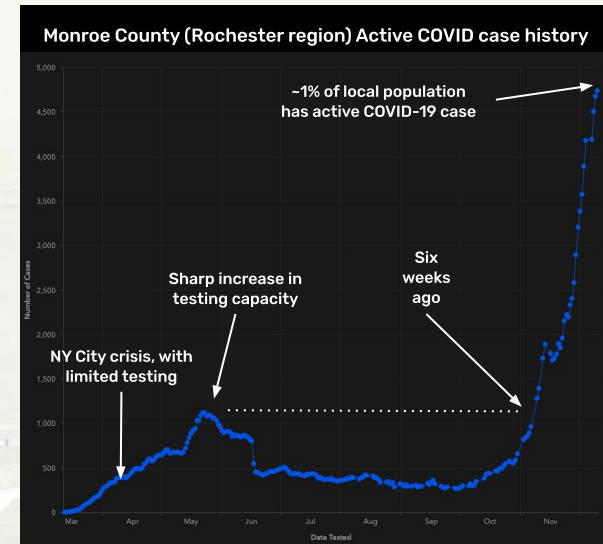
Booster Neutrino Beam
Target Hall

SBN Rules-Writing committees

- SBN rules-writing committees launched
 - Held kick-off meeting November 12
 - Most groups have already met at least once.
- From initial discussions, some threads are emerging:
 - Connections and coordination with existing ICARUS and SBND groups, e.g. SC where “SBN” talk requests already exist.
 - Coordination between groups, e.g., SC and PubComm for proceedings.
 - Results using SBN software and data access methods before the start of the “SBN physics program”.

SBN IB Leadership

- In September, we discussed the problem COVID has posed for me professionally and my potential need to step away in early Spring, if exponential growth in my region again plays havoc with our University's finances.
- Preference of discussion for IB was to try to identify a "deputy" who might be able to fill in short-term, rather than to hold an election for a new chair or co-chair.
 - Will try to implement that advice before New Year.



Other SBN IB Actions (December 2nd meeting)

- Approved the definition of individual “membership” in SBN organization as union of members of the detector collaborations of SBN, currently ICARUS and SBND.
 - Would have to revisit in the case of proposals to join SBN without joining ICARUS or SBND.
- Continued practice of admitting new institutions to the IB who join either ICARUS or SBND. (Zero and two institutions, respectively, since last meeting.)
- Permanent rules (by-laws) for SBN IB committee launched.
- Next meeting planned in February.

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 (FNAL), Stephen Dolan (CERN)**

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

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

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