Report from the SBN IB

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SBN OB Meeting
10 June 2022

SBN IB Current Goals

- **Create standing committees to carry out key SBN processes as specified in organization documents:**
  - Result Approval (RAC), Publications Approval (PubComm), Speakers Committee Functions (SC), Computing and Dataset Coordination (D3C). (Description of each is in the Backup.)
- **Regular business of the IB, as specified in its by-laws.**
  - Including the opportunity for members to bring up other topics and concerns: SBN Slack, SBN-Young, Attribution and Licensing for SBN software, etc.

SBN IB Leadership

The SBN IB just held its first chair election under the newly adopted by-laws.

I was elected to a term to end April 30, 2024. (I am eligible to be re-elected again, but in my view that's not consistent with the *intent* of the term limit in the by-laws.)

I'm in the process of proposing a candidate for the deputy chair, which requires ⅔ ratification of the IB.
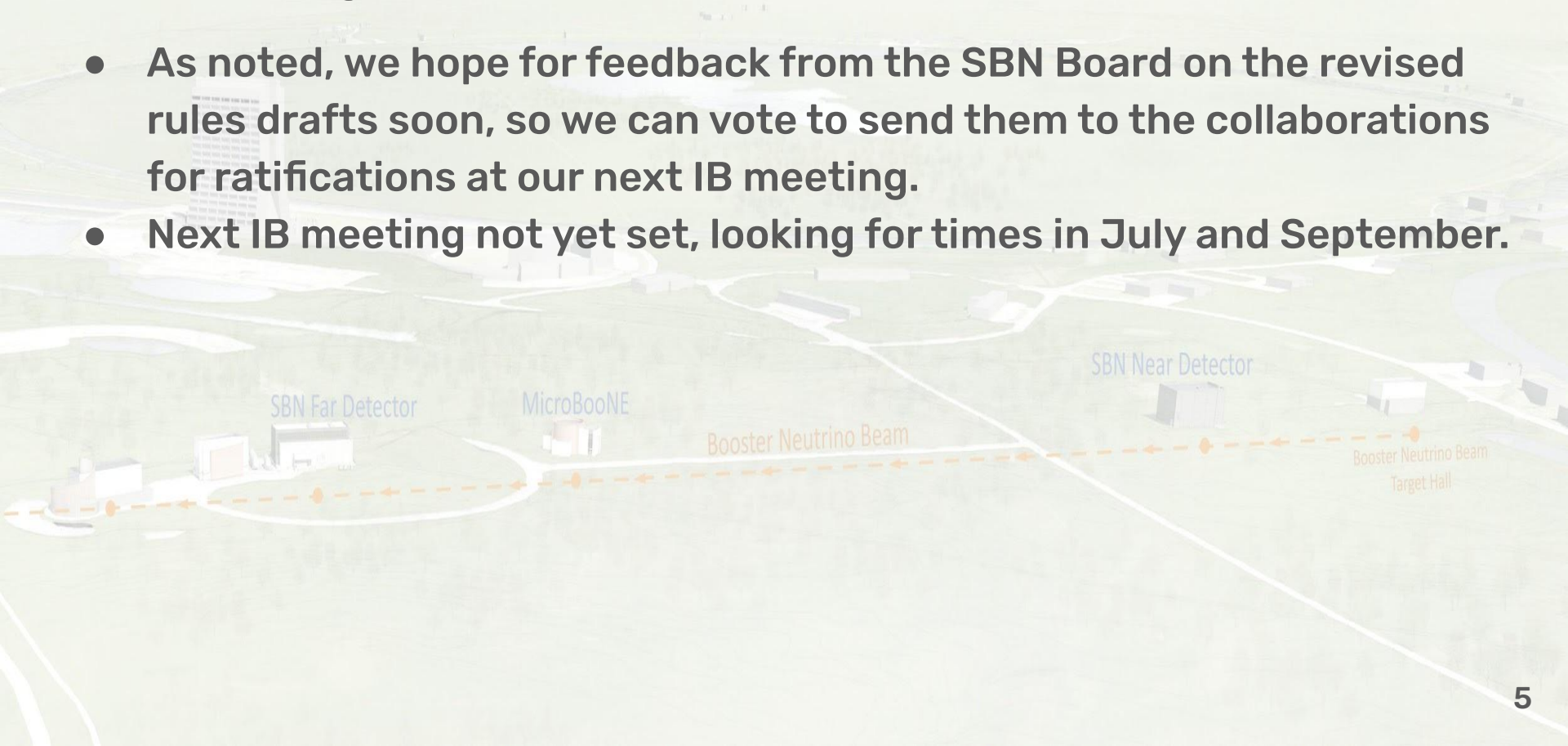
SBN IB Activities since last OB meeting

Held one meeting in this quarter, June 1. (Rescheduled from April 29, mea culpa.)

- Report from the IB chair elections committee.
- Wes Ketchum led a discussion of standards for attribution of contributions to SBN software and of licensing options.
- Elizabeth Worcester reviewed changes to the rules document for the RAC, PubComm, SC, D3C that were made in response to the comments form the SBN Board review.
  - IB agreed to solicit a round of internal comments in parallel with asking for feedback from SBN Board on this draft.
  - If we have correctly addressed the comments, should be ready to send to collaborations for ratification soon.
- An "any other business" item about organizing an SBN wide discussion at Snowmas was referred to the ICARUS and SBND spokespersons.

Upcoming SBN IB Activities

- As noted, we hope for feedback from the SBN Board on the revised rules drafts soon, so we can vote to send them to the collaborations for ratifications at our next IB meeting.
- Next IB meeting not yet set, looking for times in July and September.

Backup

SBN Far Detector

MicroBooNE

SBN Near Detector

Booster Neutrino Beam

Booster Neutrino Beam
Target Hall

SBN Processes (from September 2021)

When the RAC, PubComm, SC, and D3C committees are in place, these SBN processes can begin.

From the March 2019 "Data Sharing" Principles, "Principle 5: Any publication or presentation that uses data or software tools from either detector will be submitted to a two step process before being made public: 1. Decide the author list (if there is one), 2. Go through an appropriate process of review within the SBN program... The appropriate process of review will vary depending on the author list."

- **Current drafts implement this, and refer single detector results to approval processes of the individual collaborations.**

- **Therefore, in this framework, the individual collaborations manage their own single detector physics programs.**

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

SBN IB Interfaces to Collaborations

- **From the March 2018 organization agreement..**
  - "Procedures and policies covering joint aspects of operation, data sharing, data analysis, publications, etc. in the form of MoUs or other agreements can be brought to this body for deliberation or developed from within the group. Agreements developed within the SBN-IB will need to return to the individual collaborations involved in the MoU for final ratification."
  - **SBN IB bylaws have this language, with the clarification, "*These* agreements developed...", and a procedure for that ratification.**
- **RAC, PubComm, SC & D3C rules must be ratified by ICARUS and SBND.**
- **In addition, we ask for feedback from MicroBooNE leadership.**