



Report from the SBN IB

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SBN OB Meeting

10 March 2023

SBN “Physics” Rules Document

- **Approved by SBN IB, SBND and ICARUS**
- **Charges new standing committees to carry out key SBN processes as specified in organization documents:**
 - **Result Approval (RAC), Publications Approval (PubComm), Speakers Committee Functions (SC)**
- **Charges existing committee (SBN Analysis and Analysis Infrastructure groups) with Computing and Dataset Coordination processes (D3C).**
- **This took 1.5 years from the charging of the groups to write rules to this approval.**

SBN Digital Data Management Plan

Initially presented and discussed at January 10th SBN IB meeting.

Such plans are required by US funding agencies, DOE and NSF, for proposal submissions.

We discussed some details of the current SBN DDMP. Some suggestions were offered at the meeting, which has led to a revised draft.

An open question is whether or not some generalization of this plan (perhaps a separate document) plays any important role beyond the DDMP role for US-based institutions. Still exploring this with members of the IB.

Other recent SBN IB meeting items

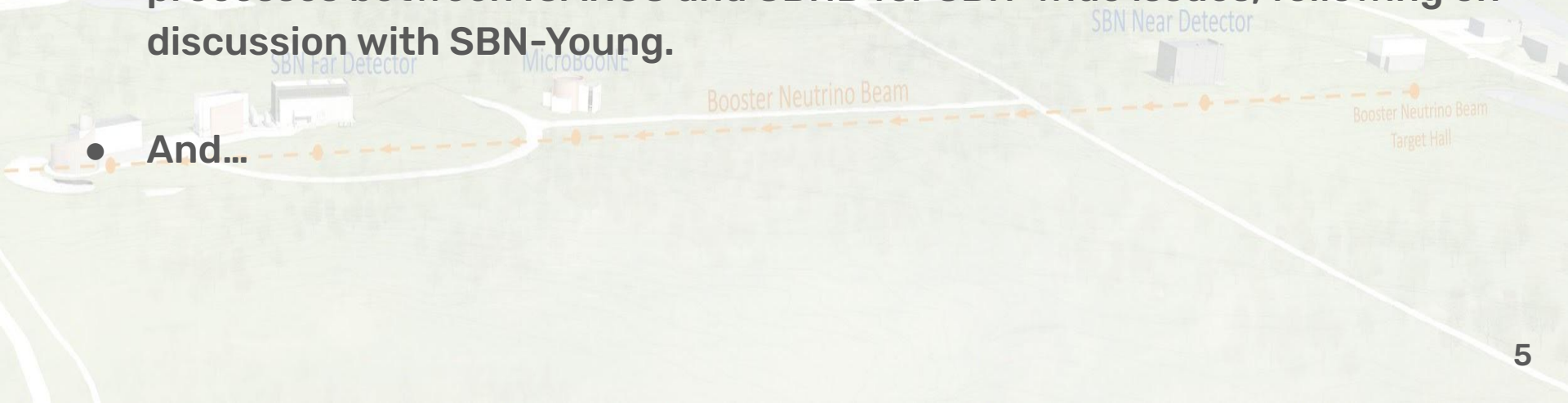
- Report from the SBN Analysis Group co-conveners (Georgia and Daniele) on their recent organizational changes.
- Discussion of the Fermilab Computing Resource Scrutiny Group (FCRSG) process and results.
- Discussion of the possibility of a hybrid SBN IB meeting with a strong in person component in association with an SBND or ICARUS collaboration meeting at Fermilab.



Upcoming SBN IB Activities

- Next SBN IB meeting was scheduled for March 14th, but needs to be postponed for a variety of reasons. Seeking an early April time.
- Discuss plans for staffing the new SBN committees
- Updated DDMP plan
- Next or next-next meeting... discussion of how to navigate different CoC processes between ICARUS and SBND for SBN-wide issues, following on discussion with SBN-Young.

• And...



So long, and thanks for all the fish...

I recently was offered and accepted a two year position as Vice Provost for Academic Affairs at the University of Rochester.

I've concluded that continuing my full term as SBN IB chair through spring 2024 isn't compatible with this.

There is a process in the by-laws for selecting a new chair, which we'll discuss with the IB at the next SBN IB meeting. I'll stay on until the selection is complete and will ensure an orderly transition, until ~summer.

Backup



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.

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.