

Minutes of the 6th Meeting of the SBN Oversight Board (Fermilab, September 13, 2019)

SBN-OB Attendees:

- S. Bertolucci (INFN, Italy; remote)
- S. Brice (Chair)
- J. Evans (UK)
- A. Ereditato (Switzerland; remote)
- A. Guglielmi (ICARUS)
- O. Palamara (SBND Co-spokesperson)
- C. Rubbia (ICARUS Spokesperson)
- M. Shaevitz (US NSF, remote)
- D. Schmitz (SBND Co-spokesperson)
- R. Wilson (US DOE)

Other Attendees:

- B. Fleming (MicroBooNE Co-spokesperson; remote)
- E. Johnson (Secretariat),
- R. Rameika (SBN-IB Interim Chair; remote),
- D. Salmieri (ICARUS Scientific Secretary)
- J. Saviano (Secretariat)
- P. Wilson (SBN Program Head)
- S. Zeller (MicroBooNE Co-spokesperson)

Not in Attendance:

- M. Nessi (CERN)

Action Items

1. No Action Items

Introduction and Review of Last Meeting

S. Brice, SBN Oversight Board Chair, welcomed the members and participants to the Sixth Meeting of the SBN Oversight Board, and reviewed the action items status from the 14 June 2019 meeting.

1. Finalized SBN Oversight Board Meeting dates for 2020. Sent out via email.
2. New SBN Webpage (linked on the Indico page); will house documents, meeting minutes & dates, etc.
3. Presentation from MicroBooNE experiment Spokespeople regarding progress and involvement with SBN to be given at this meeting
4. ICARUS will staff shifts with 2 people. No further discussion of combined shifts at this time. When we are about to start commissioning SBND, we will revisit the topic.

SBN Project Update, P. Wilson

P. Wilson, SBN Program Coordinator, provided an SBN project update.

Slides were presented that covered infrastructure updates on the ICARUS installation progress, commissioning – cryogenics preparation and milestones.

Slides were presented that covered updates on the SBND TPC progress, personnel changes, milestones, Director's Operations Readiness review targeted for February 2020. Focus will be on Far Detector, DOE funding and transition to operations planning. Near Detector review roughly one year later.

Joint Working Groups, O. Palamara

O. Palamara, SBND Co-spokesperson, provided an update.

Slides were presented that covered updates on the SBN Joint Working Groups status, activities, milestones and timelines.

Slide were presented that covered the online monitoring, infrastructure is in place for SBN, replicated the setup from SBND to ICARUS, adding detailed information for data quality from the subsystems, first data of ICARUS coming soon. SBN Analysis Workshop to be held at Fermilab September 16-20, to discuss reconstructed quantities, sensitivity reach and detector-related systematics.

Interim IB Chair, Gina Rameika

G. Rameika, Interim IB Chair, provided an update.

The nomination to serve as the SBN IB Chair was open to the entire collaboration, eight people were nominated and three have accepted (Kevin McFarland, Elizabeth Worcester and Bill Louis), need to finalize candidate's list and double-check email distribution list before sending out. This will happen within days; still have work to do putting together policies and procedures.

MicroBooNE Co-spokespersons, Sam Zeller and Bonnie Fleming

S. Zeller and B. Fleming, MicroBooNE Co-spokespersons, provided the status of MicroBooNE.

Slides were presented that showed the status of MicroBooNE's running and data analyses. BNB delivery has been excellent, and detector continues to operate well.

MicroBooNE would like to be a partner in the SBN Program developing joint analyses and how the data can be used together, there is already some interaction, some collaborators from MicroBooNE are working on SBND now. On-going discussions on when the right time would be to bring MicroBooNE in and what's expected from MicroBooNE requires more discussions. MicroBooNE would like to finish their main analysis (the search for a low energy electron excess) before becoming a full partner in the SBN Program. Suggestions that ICARUS and SBN get policies and procedures in place before bringing in MicroBooNE.

The SBN-OB meeting was adjourned.

Next meeting 3 months from now December 13, 2019