Discussion on Procedure to Submit a Proposal

- Takashi Nakamura

To submit a Proposal (ver.0 by Nakamura)

1. Make your own ideas and plan your experiment. Recommended to exchange your ideas to SAMURAI construction members/ Board members to look into the issues to be considered.
2. Submit **2-3 Page Summary (1. Physics Motivation, 2: Experimental Details + Some figures)** and **Reply to the Questionnaire** about your plan of experiment **to SAMURAI collaboration Steering Board**, at least one month before the deadline of the following PAC.
3. Steering Board together with Technical Manager/SAMURAI construction team check the feasibilities, and check if there are anything to be investigated before submission.
4. Steering Board may **coordinate** some of proposals to make a proposal more feasible. Some of experiments may be merged to be one proposal. Some may be recommended to be postponed to be submitted.
5. Some feedback from 3 and 4 should be included in the proposal.

To submit a Proposal -continued (ver.0 by Nakamura)

- Other Recommendations:

1. It is strongly recommended to show your plan at the SAMURAI user meeting/workshop, well in advance.
2. You can present your plan by the video conference with steering board/SAMURAI construction team
3. It is desirable to participate in some of the SAMURAI experiments to understand how the experiment goes at SAMURAI, well in advance of plan your experiment.

Questionnaire

Questions to be answered for the new Equipment/Experiment in SAMURAI

A: Detector setup
- Draw the top view of the typical experimental setup with this Equipment in SAMURAI facility.(See also Q's D,E and F)

B: Man power
- How many staffs, post docs, Ph.D students are involved in the development/construction of this equipment? (Rough number is o.k.) Specify the names of the staffs, postdocs and their institutions of the collaboration. Who is the spokesperson?

C: Schedule
- Do you make a commissioning run?
- If so, when is the target date to perform the commissioning experiment?
- How many days before the run are necessary for the preparation occupying the SAMURAI area?
- If you already decide which experiment should be the first experiment after commissioning, specify it.

D: Vacuum Chamber/Pipe
- How do you configure the vacuum chamber/pipe?
- Do you need to make new pipe/chamber or special flange/window for the SAMURAI beam line or magnet downstream? If so, conceptual design of the pipe/flange/window should be given. They could be added in the drawing for Q.A.

E: Standard detectors of SAMURAI (BPC/BDC12/ICB/FDC1/FDC2/NEBULA/ICF/HODF/HODP)
- Which detectors from the standard SAMURAI setup do you use?
How do you locate them with respect to SAMURAI magnet?
At which angle the SAMURAI magnet is set and at which magnetic field is it used?
Corresponding drawings for these should be added to your drawing for Q.A.

F: Detector(s) developed in this Equipment
- Rough explanation of the Equipment
- How is it located? Is it in vacuum? It should be added to your drawing for Q. A.
- What kind of infrastructure do you need? (Electricity, Nitrogen pressurized gas, etc.)

G: DAQ, Trigger
- Do you use only the standard SAMURAI DAQ? If not, what is added, or used instead?
- What is your trigger signal? Which signals from which detectors are used for that?