



SHiP

1 November 2019

**Minutes of the 16th SHiP Country Representatives Board
(CERN, 30 October 2019)**

Present:

T. Ruf (CERN), O. Ruchyaskiy (Denmark), H. Lacker (Germany), W. Bonivento (Italy), M. Komatsu (Japan, also representing C.S. Yoon, Korea), A. Boiarskyi (The Netherlands & Ukraine), C. Franco (Portugal), N. Polukhina and V. Shevchenko (Russia), N. Serra (Switzerland), A. M. Guler (Turkey), E. van Herwijnen (interim Chairperson), A. Golutvin (interim Spokesperson), R. Jacobsson (Technical Coordinator), G. De Lellis (ν_τ -detector)

1. Minutes of the previous CRB meeting. E. van Herwijnen, Interim Chairperson of the Country Representatives Board.

The minutes of the CRB of [5 June 2019](#) were approved.

2. News from the management. A. Golutvin, Interim Spokesperson

Delegates are encouraged to establish contacts with their national representatives of the European Strategy Group. The members can be found at this link: <https://europeanstrategyupdate.web.cern.ch/composition-esg>. It is important to explain that the production of the SHiP TDRs will take 3-4 years, since there are some large infrastructure prototypes that will need to be built. Assuming the approval of the TDRs in 2024, the detector will take another 5-6 years to construct. Individual subdetectors may have a shorter timeline, which will be re-discussed once we have the approval to continue with the production of the TDRs.

The experiment will need a large common fund to finance the construction of the big infrastructure items (muon shield, vacuum vessel). The money matrix will be established during the production of the TDRs.

3. Physics potential of an experiment using LHC neutrinos

The CRB supported the project [“The scattering neutrino detector operation at the LHC”](#) presented at the Open Session by G. de Lellis for the scientific interest in the measurements and for the testing of SND module 0's in a neutrino beam with a large muon flux.

M. Komatsu remarked that Nagoya, since it is also participating in FASER-nu, would not be able to contribute manpower and resources at the same level to both experiments. Considering the participation of members participating in both FASER-nu and SND@LHC as a member of SHiP, it should be noted that these experiments are not competing but complementary since they cover different areas of pseudo rapidity.

The project was approved by the CRB and has been launched. The practicalities of the integration in the tunnel will now be studied.

4. ORCID

To increase the visibility of SHiP and the SHiP Authors, all members of the Collaboration who are on the [author list](#) are strongly encouraged to obtain and ORCID by registering at the following link: <https://orcid.org/register>.

5. Next CERN SHiP Collaboration meetings

The dates of the next CERN SHiP meetings are:

- CERN: 1-3 April 2020
- Bari: 24-26 June 2020, see M. de Serio's [slides](#) with organisational details
- CERN: 7-9 October

Institutes who would like to organise an outside CERN SHiP Collaboration meeting are requested to contact the CRB Chairperson.

6. AOB

There being no further business, the chairperson closed the meeting.

E. van Herwijnen