



SHiP

20 March 2018

**Minutes of the 11th SHiP Country Representatives Board  
(CERN, 14 March 2018)**

**Present:**

R. Tsenov (Bulgaria & JINR), H. Dijkstra (CERN), O. Ruchayskiy (Denmark), J. Chauveau (France), H. Lacker (Germany), W. Bonivento (Italy), M. Komatsu (Japan), K. Y. Lee (Korea, representing C. S. Yoon), A. Blanco (Portugal), V. Shevchenko (Russia, also representing N. Polukhina), D. Joković (Serbia), R. Brenner (Sweden), N. Serra (Switzerland), A.M. Guler (Turkey), M. Campanelli (UK), A. Boiarskyi (Ukraine), E. van Herwijnen (interim Chairperson), A. Golutvin (interim Spokesperson), R. Jacobsson (Technical Coordinator), G. De Lellis ( $\nu_\tau$ -detector)

**Invited:**

S. van Waasen (Forschungszentrum Jülich)

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

The minutes of the [CRB of 8 November 2017](#) were approved.

**2. New member applications.**

**2.1 Forschungszentrum Jülich, represented by S. van Waasen**

- S. van Waasen [presented](#) the Forschungszentrum Jülich, Germany.
- S. van Waasen is the leader of ZEA-2, the System House for Science
- They are interested in developing the electronics for the SHiP Strawtube Tracker. Initial staffing: 5 scientists and 1 Ph.D. student
- Impressive credentials, among which the development of the electronics for the PANDA Strawtube Tracker and the JUNO Large-PMT
- The Forschungszentrum Jülich was unanimously accepted as member of the SHiP Collaboration.

**2.2 Leiden Insitute of Physics, represented by A. Boiarskyi**

- A. Boiarskyi presented the Leiden Institute of Physics
- Initial staffing: himself and 2 Ph.D. students full time
- An application for a National Research program has been made in the Netherlands. It is lead by Nikhef, and includes a work package devoted to SHiP lead by A. Boiarskyi. If successful, it could lead to new positions in Leiden and may result in Nikhef joining SHiP.
- Work on physics studies and the FairShip software framework
- The Leiden Institute of Physics was unanimously accepted as member of the SHiP Collaboration.

### **3. News from the management.** A. Golutvin, Interim Spokesperson

Michael Jonker has replaced Hans Dijkstra as Convener of the Online Project. Further updates will be given at the next CRB meeting.

### **4. Response to the EPPSU.** W. Bonivento

- Funding Agencies are preparing their input to the EPPSU.
- W. Bonivento will prepare a draft of a common SHiP paragraph that should be used by all Funding Agencies.
- Independently of this, SHiP will also provide input, adhering to the [guidelines](#).
- A. Boiarskyi will coordinate input from the theoretical community, highlighting why the exploration of the hidden sector is important.

### **5. Report from the Technical and Physics Coordination.** (R. Jacobsson)

Priorities for 2018 (see also Richard's [presentation](#)):

- Update on sensitivities and background for the EPPSU input.
- Muon flux and charm cross section measurements. A call for shifters will be made to the Collaboration.
- Engineering studies.
- R&D prototyping, funding applications for 2020-2021.

### **6. Collaboration meeting drinks and call for next outside CERN collaboration meeting** (E. van Herwijnen)

- Drinks at past CERN Collaboration meetings were financed privately by the members of the CERN group.
- Future drinks at CERN will be financed in turn by volunteering institutes.
- The University of Zurich have volunteered to finance the drink at the 7-9 November 2018 Collaboration Meeting.
- Institutes wishing to organize the 2019 outside CERN collaboration meeting should make themselves known to E. van Herwijnen for a decision at the next CRB.

### **7. AOB**

R. Tsenov only received 4 replies to his call for input to changes to the interim constitution. They all indicated that for the moment no changes were necessary. He therefore concluded that the interim constitution can be maintained unchanged.

### **8. Next SHiP Collaboration meetings**

The next SHiP collaboration meeting will be at MISiS, [Moscow](#), from 6-8 June 2018; the next CRB meeting will take place on Wednesday 6 June 2018.

The following collaboration meeting in 2018 will be from 7-9 November (CERN).

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

E. van Herwijnen