

Minutes of the Executive Board Meeting on 17.1.2022 via ZOOM

Present:

1. Anosov V. (JINR)
2. Baldin A. (JINR)
3. Denisenko I. (JINR)
4. Guskov A. (JINR)
5. Korzenev A. (JINR)
6. Kulikov A. (JINR)
7. Ladygin V. (JINR)
8. Tomasi-Gustafsson E. (CEA Saclay)
9. Wang Y. (Tsinghua Univ.)
10. Zhemchugov A. (JINR)

Meeting duration: 11:00-11:55 of Moscow time.

Agenda:

- 1) Plans of the physical coordinator in the light of the preparation of the technical project. (I. Denisenko);
- 2) MoU preparation: specific obligations of the participating institutions (A. Guskov).

Short summary:

I. Denisenko, the newly elected physics coordinator, presented his vision of the activities for TDR preparation from the physics side that have to be performed to ensure that the TDR design of the detector subsystems provides the required performance to fulfill our measurement goals. General activities related to finalizing the TDR:

- SPD set-ups for the 1-st and the 2-nd stages in SPDRoot.
- Magnetic field update and field in RS.
- Micromegas configuration and performance [tracking from straw to MM?].
- GARFIELD simulation of straw resolution for different values of the magnetic field.
- Straw tracker optimization.
- dE/dx measurement performance.
- Local polarimetry measurement precision with BBC and ZDC.
- The precision of local polarimetry with Ecal.
- Particle identification in RS.
- Radiation environment.
- Subsystem prototypes studies in the test zone.

To perform these tasks, close cooperation with technical and software coordinators is implied.

A. Guskov presented a preliminary table reflecting the distribution of interest of the participating institutions by fields of activities. This table is absolutely required for the SPD MoU preparation. It was updated during the discussion. It was decided to send the table around the persons responsible for the subsystems/activities and, after their response and, after further update till the end of the week, to the group leaders.