Physics Coordinator communications

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SpdRoot

Geometry update

- A branch *geometry-update-spring-2023* is created in the git repository.
- For **ECal** a merge request is made, update for **RS** is suggested.
- TOF and AEG geomtry updates are close to be merged.
- BBC geometry with segmentation has not been merged yet .
- No magnetic field map yet. The magnetic field code needs an update.
- DIRC geometry described to estimate impact on ECal energy resolution (not merged yet)
- Overall, I expect geometry update to be finished by the next Physics & MC meeting.

Analysis tools

Deuteron PID via TOF and dE/dx to be merged soon.

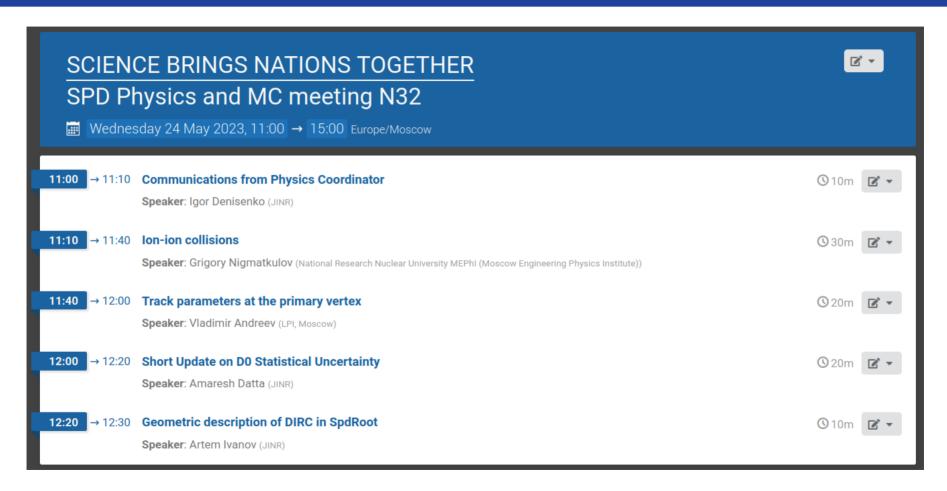
Physics examples require an update! Please use performance tests scripts as base scripts now.

Important tasks

- MAPS VD optimization
- Pattern recognition from ST → VD (MCT)
- More realistic reconstruction with "combinatorial hits" in strip-like detectors (DSSD, MCT, RS)
- Online filter requirements to select physics events

For more details see my talk at the last CM.

Meeting agenda



Next meetings

- Physics & MC: June 21, July?
- Continue Physics Weekly meetings

Thank you!