

# Minutes of the Physics Board Meeting

01/10/2014

## Participants:

Marc Pelizäus, Paola Gianotti, Frank Nerling, Elisa Fioravanti, Albrecht Gillitzer, Karin Schöning, Tord Johansson, Marco Maggiora, Albrecht Gillitzer, Lars Schmitt, Jim Ritman, Stefano Spataro.

## Agenda:

- completion of the list of analysis channels;
- simulation status within each group;
- procedure of result's approval;
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PG introduces the first point of the agenda. A table with the physics channels of interest has been compiled by K. Götzen last July. During the last meeting it was requested to the conveners to check and update it. At present it is not yet complete. This should become the reference list of the analyses. Therefore, all the convers are again kindly invited to integrate it and to keep it up to date.

PG asks to each convener to report about the status of the simulation activities within their groups.

FN reports about the work ongoing within the charmonium exotic group. Fast simulations have been done, different detector layouts have been studied. At present the group is working to provide more statistics for the background evaluation.

PG asks about the offer of man power that the group made to others last July.

FN says that this offer is no more valid. Actually no groups showed up, and the manpower now is no more there.

AG reports either for the baryon spectroscopy and for the hadron in nuclei groups. For those fields fast simulations are not enough and to perform full simulations missing tools are needed. He also points out that new students are now available in Juelich and the situation will improve.

KS points out that simulations for the Omega-Omega\_bar channel have been done by her in Uppsala using the full PANDARoot. Results are promising also

because the kinematics is more favorable (less b/f asymmetry) with respect to the Lambda-Lambda\_bar channel. A new PostDoc is also helping.

LS reports that the Open-Charm and the Electroweak groups are working together. Johan Messchendorp has prepared a report of the status of the activity within the group:

<https://indico.gsi.de/getFile.py/access?contribId=0&resId=0&materialId=slides&confId=3036>

MP and EF point out that light meson exotics and charmonium working groups are joined with the charmonium exotics. Therefore, what FN reported is the status of the whole group.

MM reports on the Drell-Yan group activity. There is a new PhD student in Torino that has started simulations and tools development.

PG moves the discussion to the next topics of the agenda, that is establishing rules for result's approval. She shows some suggestions that can be looked at in her report ([https://panda-wiki.gsi.de/foswiki/pub/PhysicsCmt/PhysicsBoardMeetings/Meeting\\_Oct12014.pptx.pdf](https://panda-wiki.gsi.de/foswiki/pub/PhysicsCmt/PhysicsBoardMeetings/Meeting_Oct12014.pptx.pdf)).

A general discussion take place about how to arrive to a set of rules to be added to the PubRules for result's approval.

FN points out that PhD students should also perform some general task, hardware or software, and not only the strict work connected with their theses.

After the discussion it is decided to appoint a working group made by FN, MP and KS that will prepare a draft for the document that, after discussion and integration by the rest of the Physics Board, will be submitted for the approval to the Collaboration Board in December.