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2nd Open meeting for the proto-collaboration, July 2nd@KEK

PARTICIPATION FROM JAPANESE NUCLEAR PHYSICS COMMUNITY

Motivation

- Physics
- New forms of hadrons which cannot be explained by a quark model (easily).

  tetraquark, pentaquark, meson-baryon & meson-meson resonances, etc.
- Hadron structures

  time-like form factor, quark-to-hadron fragmentation ,etc.
- Detector & DAQ
- High resolution
- Good particle ID
- High speed DAQ

Strong Synergy with hadron physics at J-PARC and SPring-8.

Just getting started

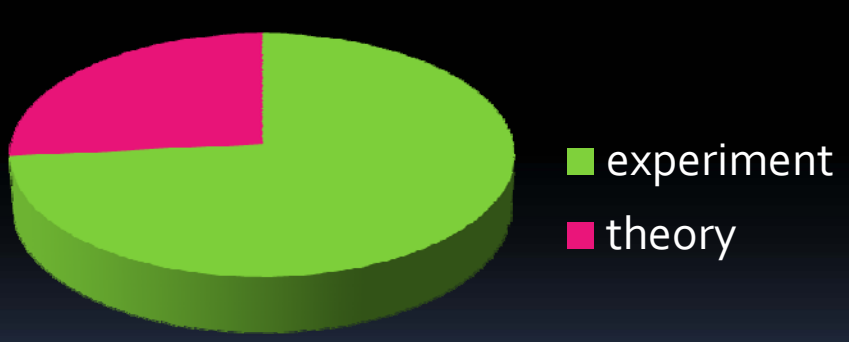
- New mailing list for hadron physics@KEKB/SuperKEKB was started.
- Joint-workshop QWG08 (Dec 2-5 @ Nara)

  http://www-conf.kek.jp/qwg08/
- New proposal was submitted to Grant-in-Aid for Scientific Research on Innovative Areas.

New hadron@KEKB/SuperKEKB, LEPS/Sping-8, and J-PARC

Who joined the mailing list?

- 49 subscribers among ~600 nuclear physics experimentalists and ~300 theorists.



What are we interested in? (answer to a questionnaire)

- analyzing the data. 7
- keeping informed with the newest results. 7
- introducing a new point of view in the data analysis. 4
- discussions for theoretical interpretation of the new data. 11
- current detector and DAQ technology at KEKB. 6
- collaboration for development of future detector and DAQ . 5
- No answer. 32

Summary

- Many people in Japanese nuclear physics community are interested in KEKB/SuperB.
- Strong synergy between KEKB/SuperKEKB and J-PARC /SPring-8 is expected.
- There are a few people who are strongly motivated, but the rest (majority) of the people seem to need more detailed (concrete) information to make up their mind.
- Further communication/face-to-face discussion will be necessary.