

General Information

- New members in LII:
 - J. Barranco (Doctoral Student – supervisor: Y. Papaphilippou) from 1/9/2006: PS (chromaticity control) and PS2 studies (loss patterns and field quality requirements)
 - A. Franchi (Fellow – supervisor: M. Giovannozzi) from 1/9/2006: New MTE studies
 - M. Juchno (Technical Student – supervisor S. Gilardoni) from 1/11/2006: PS magnet magnetic model (in collaboration with AT/MEL and MTM) and comparison with measurements
- New members in ABP (RTL):
 - R. Principe (TS/HDO) should join soon RTL to help R. Brown for New MTE and PS Magnet renovation
- New Multi-Turn extraction project started officially.
Project Leader appointed: M. Giovannozzi

General Information

- LUMI 06 WS in Valencia (16-20/10/2006)
 - <http://care-hhh.web.cern.ch/care-hhh/LUMI-06/default.html>
- Injectors:
 - Not only beam physics consideration but also aging, reliability issues in the choice of the upgrade path
 - Investigate the possibility to go above 50-60 GeV/c for the PS2
 - Study both the normal conducting and superferric SC option for the PS2
 - SPS is presently the bottle-neck for beam performance
 - Electron cloud is an issue for the SPS even with higher injection energy. Need to find a solution for suppressing multipacting in the SPS.
 - Improvement of the injector performance requires important upgrade of the SPS too.

General information

- LTC Presentation on SPS Ion commissioning (25/10/2006): Very likely no ion run in 2008. Fear that SPS ion commissioning in 2007 could drag resources from the LHC commissioning.
- Important issues to be addressed ASAP for nominal beam:
 - Space charge and IBS in the SPS
 - Collimation in LHC
- This is not the case for ABP (planned in APT). RF committed to perform the SPS Commissioning in 2007.
- See minutes:
 - http://lhcp.web.cern.ch/lhcp/ab-ltc/ltc_2006-13.html (LTC)
 - <http://ab-div.web.cern.ch/ab-div/Meetings/ABMB/2006/20061030.html> (ABMB)
- and draft machine schedule:
 - <https://ab-div.web.cern.ch/ab-div/Schedules/schedule2007.pdf>
- Review in the middle of 2007 to assess compatibility with LHC commissioning. Possibility to split the commissioning in 2 parts in 2007 and 2008.

General Information

- At the same LTC a presentation was also given concerning the difficulties encountered in performing machine studies in the injectors due to lack of support for instrumentation and controls.

General Information

- White papers and DG presentation to the Council:
 - <http://user.web.cern.ch/user/DG/Short-MTP-Manpower-Oct2006.ppt>
 - LINAC4, SPL, PS2, CLIC principle demonstration → We have to contribute to that → Impact on manpower
- ABMB dedicated to manpower review in AB (today).

General Information

- The Organization of the Group will be reviewed by the end of the year and new structure might be in place in the first part of next year.
- Accelerator Technical and Operation review will take place from Monday 22/1/2007 to Wednesday 24/1/2007 in the CCC Conference Room:
 1. Review of the start-up and operation in 2006 and identify what went wrong and how to make it better (both short term improvements and longer term actions).
 2. Review, where necessary, the consolidation programme priorities.
 3. Identify what needs to be changed in the way we run the complex to meet the challenges of the LHC era (2007 and beyond).

...finally good news

- ABP Christmas party on 15/12/2006. I am taking care of that this year. Suggestions (and help) are welcome!!!