BBLR meeting to discuss SPS MDs for 2010

Rama Calaga, Octavio Dominguez, Guido Sterbini, Rogelio Tomas, Frank Zimmermann, 26.02.2010

120 GeV results in long coast data beautiful

1 IP at ~8 sigma about 1 h lifetime

Ideas:

* scraper to define the tails
* horizontal + vertical wire
* 1.8 micron, Nb=3e8 & 4 bunches
* coasting
* measure how losses vary with tune w and w/o compensation;
* **tune scan** (or two tunes) & distance scan at coast for 55 GeV/c
* predict LHC & sLHC lifetime and study compensation robustness

request: 55 GeV coast, if not available 120 GeV/c

3x8 h

SPS MDs on crab cavities