

Minutes of RESULTS, PITZ Physics Seminar, 31.01.2013

Project: PITZ

Participants. Frank Stephan, Mikhail Krasilnikov, Georgios Kourkafas, Igor Isaev, Dmitriy Malyutin, Martin Khojoyan, Barbara Marchetti, Marek Otevrel, Grigoriy Vashchenko, M. Gross, Dieter Richter, Gaurav Pathak.

Agenda:

- 1) PITZ RC
- 2) D. Malyutin “Introduction to the longitudinal phase space tomography at PITZ”
- 3) G. Vashchenko “Beam dynamics optimization for 100pC”

Results:

2. Measurements to be started.
3. Idea might be checked with experiment.

Next steps:

What is to be done?	By whom?	Until when?	Done on
Try to apply Cos function for longitudinal phase space before and after the booster	D. Malyutin	For the thesis	
Measurement procedure with detailed description for shift crew is needed emergently	D. Malyutin	01.02.2013	
Correlate timing of PMTs and RF spectra signals and understand where is PMT spike located on the RF signal spectrum	I.Isaev	05.02.2013	
Make a physical justification of minimal emittance for low booster gradient	G. Vashchenko	For the thesis	

Protocol prepared by
Igor Isaev
31.01.2013