

Minutes of RESULTS, PITZ Physics Seminar, 13.10.2016

Project: PITZ

Participants: F.Stephan, M.Krasilnikov, M.Gross, O.Lishilin, Y.Renier, P.Boonpornprasert, J.Good, X.Li, A.Oppelt, I.Isaev, G.Asova, N.Chaisueb, G. Loisch

1) Agenda:

- a. Y.Renier, LINAC2016 summary
- b. M.Gross, Updated status of LAOLA at PITZ
- c. G. Loisch High Transformer ratio update
- d. Run coordination
- e. Any other business (a.o.b)

2) Results:

- a. – The conference takes place in Detroit, USA
- Overviews of several talks and posters were presented.
- b. – the 2nd version of Li plasma cell was installed in the tunnel; the first direct time-resolved evidence of self-modulation on 30th of Sept; later on the LPS was measured; further measurement are ongoing. Should we try observe SMI with gaussian beam instead of flattop?
- c. Long discussion on plausibility of the measurements
- d. Run coordination:
 - o global interlock problem still persists
 - o On Monday someone moved in streak mirror in the MBI beamline
 - o Do LILI investigations for every IL!
 - o No IL history sometimes
 - o Gas discharge plasma cell may be not ready for the next running period: windows and electronics are not ready
 - o Plans B, C and D for the next running period: 3D laser, flattop emittance measurements, asymmetry studies
 - o Charge measurement controversy
- e. - News: accident at European XFEL, impact to the timeline of Eu-XFEL is not estimated yet.
- IPAC2017, abstract deadline, 2.12.2016

What is to be done?	By whom?	Until when?	Done on

Protocol prepared by
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