

Minutes of RESULTS, PITZ Physics Seminar, 2018-02-15

Beginning: 13:00

End: 14:25

Participants:

Zeuthen: M. Gross, M. Krasilnikov, O. Lishilin, H. Huck, C. Koschitzki, P.

Boonpornprasert, I. Isaev, G. Loisch, J. Good, R. Niemczyk, F. Stephan, A. Oppelt

1) Agenda

1. M. Krasilnikov: Report on recent workshops (Topical Workshop on Emittance Measurements @ALBA)
2. O. Lishilin / I. Isaev: Report on LaPlas 2018 (Laser/Plasma conf.~300 participants, mostly from Russia)

2) Results:

1. Highlights from MK: Talk by G. Kube on high resolution scintillator screens (best:LYSO; smoke rings and LYSO saturation under investigation). Other topics: CCD vs CMOS, SwissFEL, recent emittance values world-wide, future challenges
2. Highlights from LaPlas: Eupraxia (plans for plasma accel.driven FEL), SSRS-4 (plans for 4th gen. Russian synchrotron light source incl.FEL)
3. Sony CCD chips are discontinued; ask our supplier (->A. Oppelt)
4. Submit all missing chapters for the Gun4.6 report to HQ within 3 weeks
5. Start of PITZ operation will probably be delayed further...(tilt of flange will be corrected with special gasket)

Protocol prepared by

H. Huck