

Minutes of PITZ Physics Seminar, 02.04.2020

Project: PITZ

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Agenda:

- 1) Talk by T. Weilbach
- 2) AoB

Results:

- 1) Talk by Tobias
 - a. Frank: Detectors have to be well understood
 - b. Mikhail: We could try to measure the dead time ourselves
 - c. Frank: Dead time should be specified by manufacturer
 - d. One has to discuss data with Hamburg experts
 - e. Mikhail: Does the detector see the dark current gammas, lost at the beam pipe? Tobias: Sure
- 2) AoB
 - a. Mikhail: Hamburg people starting to measure the undulator field. Who wants to go there (if needed)?
 - b. Frank: Reduction of cathode temperature: Guan, are the simulations ongoing? Guan: Yes, next PPS might be a presentation on that.
 - c. Status of ELLA work: OSS for ELLA implemented by Christian (running at 10 Hz). Still work to be done, but works in principal. Help by M. Lomperski needed and ongoing
 - d. Frank: Any news from MBI? Matthias: No
 - e. News on BPMs from Hamburg: Mikhail: No
 - f. Net run: New cathode box installed, cathodes to be analysed in next run
 - g. Frank: Isopropanol and tissues now available in control room for shift crew, masks might be there for next run as well
 - h. TDS klystron to be installed end of April
 - i. Prach: Registration to come to DESY: People who are not mentioned in the file: Are they not coming? Frank: No
 - j. Frank: You have to register if you want to come, organise yourself with your office colleagues when going to DESY
 - k. Grygorii: New keyboards for control room ordered, not sure about keyboard covers
 - l. Grygorii: Magnet power supplies: Permanent monitoring of current jitter was wanted, but never realised on old controller. On new controller this is fairly easy. Should we do it? What do people think?
 - m. Frank: Ask per email for recommendations on settings

Next steps:

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

Protocol prepared by
R. Niemczyk, 2nd April 2020
(Name, Date)