

## Minutes of PITZ Physics Seminar, 30.04.2020

Project: PITZ

Participants: M. Krasilnikov, A. Lueangaramwong, X.-K. Li, P. Boonpornprasert, T. Weilbach, J. Good, H. Shaker, G. Shu, H. Qian, A. Oppelt, F. Stephan, R. Niemczyk, N. Chaisueb, N. Aftab, M. Gross, G. Vashchenko, O. Lishilin

### Agenda:

- 1) AoB
- 2) Conference discussion
- 3) Feedback from lens discussion
- 4) Feedback discussion from operation

### Results:

- 1) AoB
  - a. MBI is in complete lockdown. Hence no MBI service
  - b. Multiphysics talk by Guan beginning of April. Temperature stability of 27 deg water supply less than plus/minus 1 deg. Further simulations ongoing. To be presented next week
  - c. Crane in second tunnel under construction
  - d. TDS news: Exchange work progresses quickly
  - e. Smoking prohibited in DESY rooms. Applies to electric cigarettes as well.
  - f. Radiation warnings during shutdown: Several radiation warnings detected, is it also an issue during operation? Mikhail: Yes, also observed with low gradient, must be fake. Grygorii: Restart of alarm server might trigger logbook messages. Frank: Issues to be followed up. When TDS exchange done, RF guys, interlock system and electronic guys to analyse issue.
  - g. Frank: Matthias, Houjun, Christian and me should discuss next laser experiments in PITZ run, e.g. SLM, VBG crystal from Russia. Matthias will get in touch with Christian
  - h. Prach: IPAC schedule overlaps with shift operation. Talks will be online for 2 weeks, e.g. can be seen later. But life chat only works life.
  - i. Collaboration Meeting: Will be streamlined, as it would be too lengthy. Thus many (student) talks will not be given. PITZ members don't have to submit their interest to Matthias.
  - j. Cleaning of control room by cleaning personnel. Was it a problem? Matthias: No problems.
  - k. Keys for additional offices: We have a kitchen (room) which can be used for work at DESY. Also, Seminar room 7 can be used by us, which already has hardware for video connections.
    - l. List with new cost centres distributed, to be used.
    - m. May 1st is a public holiday: You don't have to work
- 2) Lens discussion
  - a. No need for this special lenses

- b. Review of cameras to be done in circa one year
- c. Frank: Get at least few of these lenses. Order six
- 3) Conference discussion
  - a. LINAC will highly likely be postponed
  - b. Raffael: Online conference for students at DESY could be organised (general overview talks)
  - c. Frank: Good idea, talks also to be held in PPS, where experts from our group can ask
- 4) Discussion on run operation
  - a. Zoom teaching on procedures wished
  - b. Big screens at second operators place wanted. Ordered already? Grygorii: Six monitors for control room ordered. Probably ongoing.
  - c. Status of machine in logbook: RF pulse train repetition rate to be added by Grygorii (wish from Mikhail)
  - d. Feedback from shift
    - i. Disinfectant to be refilled soon
    - ii. First use self-made disinfectant first. Refill needs email to Mrs. Rueckert
    - iii. Communication is more complicated due to large separation in control room
    - iv. Doubling of screens (like in VNC) to be done in control room, to improve teaching
    - v. Scope to be used by one person only
    - vi. Don't use too much disinfectant in the control room
    - vii. We have ten keyboards for operation. We should have a tray, to spate them, to not confuse that
    - viii. Use your own chair only
    - ix. Right now, operator has to pay attention. The shift leader however cannot easily check, whether the operator is paying attention.
    - x. Bags and rucksacks in control room: Have it on a chair or on the ground, but not on the table. Make sure, that the people on shift have a place to sit, i.e. remove the bag.
    - xi. Eating and drinking in control room allowed, but use of kitchen is not allowed.
    - xii. Gloves not to be used all time, as they hurt your skin. Only use them when necessary
    - xiii. List with measures to not have Coronavirus spread at PITZ to be distributed. When sill having ideas, please add them with track changes.

**Next steps:**

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


Protocol prepared by  
R. Niemczyk, 30<sup>th</sup> April 2020  
(Name, Date)