

Minutes of PITZ Physics Seminar, 12.03.2020

Project: PITZ

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Agenda:

- 1) AoB
- 2) Talk by Abhishek Pathak – Summary of Coupler Focusing Simulations
- 3) Report from shift

Results:

- 1) Three new Post-Doc positions at PITZ (will be announced mid-April)
- 2) How did the Post-Docs find the positions at PITZ? LinkedIn, PITZ Website, CERN Courier, Website (unknown, for all kind of Post-Doc and PhD positions in high energy physics), DESY webpage, inspire
- 3) Frank: How long should we give people time to apply for jobs? ~4 weeks deadline
- 4) Osip: ‘PITZ’ should be part of the title of the job announcement
- 5) 3rd annual science slam on June 3rd. Who wants to go? Anyone from our group can go!
- 6) Publication rules: Addendum to PITZ publications were sent around. Any remarks? –None
- 7) Who has program for summer students? Anusorn and Tobias
- 8) Date of James PhD thesis: Tuesday, April 14th, 10am. Everyone interested can go!
- 9) Mikhail & Frank: Make your travel requests as early as possible!
- 10) Cavity detuning experiment repeated by Ye at eu-XFEL – Result is different from our case
- 11) Houjun: Virtual gun power probe cannot be trusted: When the gun is under- and overheated a momentum difference of 1% can be seen in LEDA – But the virtual probe claims the power is same
- 12) Frank: Eu-XFEL RF coupler is in gas – ours is in vacuum
- 13) Mikhail and Houjun: The directivity of the directional coupler might spoil the measurement of the virtual probe, if the directivity changes with temperature
- 14) Frank & Houjun: If XFEL has a better directional coupler, this would explain the different measurement result
- 15) Thanks to Abhishek for his work at PITZ
- 16) Change of Power Supplies did change addresses. This was tackled by Grygorii, the operators don’t notice the difference, no changes in software necessary

Next steps:

What is to be done?	By whom?	Until when?	Done on
Compare the directivity of the directional couplers at PITZ and Eu-XFEL	?	?	

Protocol prepared by

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