

Minutes of RESULTS, PITZ Physics Seminar, 23.04.2015

Project: PITZ

Participants:

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Agenda:

- 1) P. Boonpornprasert (calculation of TR on Relativistic electron beam)

Results:

- 1.1. Introduction of TR from a point charge
- 1.2. Frank formula for the calculation is considering the bunch charge and other incident angle, and parameters.
- 1.3. Matlab script to calculate the TR results (the script will presented later)
- 1.4. First results from the script have been achieved.
- 1.5. Scan of bunch length (10~1000 μm), the charge (0.1 ~1 nC) and beam energy (10~25) MeV and Beam size.
- 1.6. Conclusion
- 1.7. \

Next steps:

What is to be done ?	By whom ?	Until when?	Done on
Concerning the geometry of the beam size	M.K	End of May	
Modification of the layout is needed	F. S	End of May	

Protocol prepared by
Mahmoud, 23.04.2015