

Minutes of PPS, 11.09.2014

Project: PITZ

Participants:

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Agenda:

- 1) Rico Schuetze: "Simulations for the shielding of the dump at PITZ."
- 2) Timea Hall: Summer students report
- 3) AOB

Results:

- 1) Simulations show good results, still there are things to be improved (possible topic for a master thesis), see the next steps' list below.
- 2) Timea reports on the work she did during her time as summer student.
- 3) AOB

Next steps:

What is to be done?	By whom?	Until when?	Done on
Better temperature assumptions to be implemented in the temperature rise calculations.	Rico		
Do ANSYS simulations after finishing all FLUKA simulations.	To be defined		
Replace 5x5 cm square opening by 65mm diameter round pipe	Rico		
Repeat simulation with reduced photon energy cut (1 MeV...1 eV)	Rico		
Study different concrete compositions and explore hot spots (long living isotopes)	Rico		
Use different (centered) input beam distributions	Rico		
Repeat (old) maximum power scenario and compare to older results of HJG and SR	Rico		

Protocol prepared by

G. Vashchenko, A. Oppelt, 11.09.2014