

Minutes of RESULTS, PITZ Physics Seminar, 2017-07-11

Project: PITZ

Participants: M. Krasilnikov, F. Stephan, M. Gross, H. Qian, Q. Zhao, I. Isaev, H. Huck, X.Li, P. Boonprasert, J. Good, Y. Chen, Q. Zhao, R. Niemczyk, O. Lishilin, Z. Amirkhanyan.

1) Agenda

1. F. Stephan, AOB – 35'
2. Z. Amirkhanyan “Shielding calculations with FLUKA for radiation protection at second accelerator tunnel” 30' / 60'
3. H. Qian PITZ RC 60'

2) Results:

a) F. Stephan AOB:

1. Developing of major assignments for the next 12-18 months
2. New guideline for PhD students (3 years, 3 interim reports)
3. Scientific computing strategy development
4. Dark current measurements have to be comparable with XFEL setup
5. Summer party on 11.09.2017

b) Z. Amirkhanyan

1. Dose rates in the new tunnel
2. Studies to be continued (by remote access)
3. Next steps – to be defined by Anne

3) H. Qian, PITZ RC:

1. Electronic noise problem by 0.1pC charge measurements
2. High1.Q4 limit current 10A not 12A – to be fixed (control)
3. “Noisy frames” to be treated
4. ELLA: spectrograph commissioning

What is to be done?	By whom?	Until when?	Done on
Assignments list has to be fulfilled	everybody	End September	
Partition of generated particles (e-, photons etc) has to be checked	Zohrab		
More statistics is necessary	Zohrab		
Contact construction department	AO, FS		

Protocol prepared by
M. Krasilnikov