

Minutes of RESULTS, PITZ Physics Seminar, 27.10.2016

Project: INR seminar

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Agenda:

- 1) Electrodynamics characteristics of RF deflector for bunch shape monitor (Dimitry)
- 2) Thermal loads of wire based instrumentation at ion linacs (Mikhail churaev)

Results:

- 1)
- 2)
- 3)
- 4)

Next steps:

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

Protocol prepared by

....

(Name, Date)

Igor, RF frequency

Secondary electron voltage, deflection voltage

3.9 W loss in the RF deflector structure

Time resolution, ~ 6 ps from secondary emission (response time from emission)

How long is the wire to the deflecting plate?

Why beam deposited power is lower with higher proton energy?

