

## Minutes of RESULTS, PITZ Physics Seminar, 13.03.2014

Project: PITZ

Participants: F. Stephan, M. Krasilnikov, G. Pathak, T. Rublak, M. Khojoyan, M. Gross, I. Isaev, D. Malyutin, P. Boonpornprasert, A. Oppelt, G. Kourkafas, G. Vashchenko, G. Asova.

### Agenda:

- 1) G. Pathak, "HiPACE simulation with ASTRA and model beam.
- 2) F. Stephan, report about paper: "Ultrashot bunch generation..."
- 3) RC.

### Results:

- 1) Simulations of HiPACE and OSIRIS are comparable.  
There is discrepancy between two ways of defining electron beam in HiPACE.
- 2) Beam with a length of about 200 fs achieved using two and half cell cavity with the last cell as a chirping cavity.
- 3)

### Next steps:

What is to be done?	By whom?	Until when?	Done on
Get 1M or more particles beam from ASTRA and do HiPACE simulation.	G. Pathak, M. Khojoyan		

Protocol prepared by  
D. Malyutin, 13.03.2014  
(Name, Date)