

# Minutes of RESULTS, PITZ Physics Seminar, 2019-08-08

Project: PITZ

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## Agenda:

- 1) Transport of the space charge dominated electron beam through the LCLS-I undulator at PITZ.
- 2) Run planning. Event number problem: fastscan, EMSY stations, DAQ, slice emittance measurements, etc. not working.
- 3) AOB

## Results:

- 1) **No** space charge simulation
- 2) Initial conditions for minimum of specific goal function
- 3) Relation between position and angle of beam.

## Questions:

- 1) How are lost particles marked on slides 7/8? – White color on plot.
- 2) RMS values confused?
- 3) How does this compare to previous simulations? – Similar.
- 4) How much loss is allowed?

## Next steps:

| What is to be done ? | By whom ? | Until when? | Done on |
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Protocol prepared by  
G. Georgiev, 08.08.2019