

Zgoubi-OPAL mini-workshop

September 26th – 27th, 2014

Friday, September 26th, afternoon

Zgoubi – OPAL mini-workshop 1/1 - Chair: Suzie Sheehy [Sam Tygier]

13:30 Introduction to Zgoubi/OPAL mini-workshop *A. Adelman, F. Meot*

ZGOUBI SESSION

13:45 Users' experience (each talk 15+5 minutes) *Suzie, David, Chris, Sam, Jimmy*

15:00 BREAK

15:30 Case Study: PSI cyclotron, using CYCLOTRON & TOSCA commands in Zgoubi
If time allows: similar experience, FFAG & TOSCA *Tutorial M. Haj Tahar*

17:00 Tutorial: Python interface *Sam Tygier*

18:00 Adjourn

Saturday, September 27th

Zgoubi – OPAL mini-workshop 2/2 - Chair: Ch. Rogers [Malek Haj Tahar]

OPAL SESSION

09:00 OPAL Introduction *A. Adelman*

10:00 OPAL Post Processing *A. Adelman*

10:30 BREAK

11:00 Case Study: 3D Space Charge *A. Adelman*

- Taking over Zgoubi single particle design(s)
- Re-check tunes and accelerated orbit
- Run with 3D space charge

12:30 4 Geeks & Nerds: OPAL compilation, installation & structure