



IC
07

Main and Drive Beam Dynamics Working Group

Caterina Biscari

Daniel Schulte

Goals

- Review status of beam dynamics studies
- Identify problems
- Foster collaboration

Main Beam

Wednesday 13:40 => 15:40

< 15+5 min each talk

- Frank Stulle: Main beam bunch compressors
- Andrea Latina: Low Emittance Tuning studies
- Peder Eliasson: LET studies
- Ilya Agapov: Emittance measurement
- Rogelio Tomas: BDS Design Status
- Javier Resta Lopez: Collimation System

Main Beam - Delivery System

Wednesday 15:50 => 17:50

< 15+5 min each talk

- Helmut Burkhardt: Halo and Tail Generation Studies
- Ijaz Ahmed: Background Studies
- Tony Hartin: Beam-Beam Studies
- Arnaud Ferrari: Post Collision Line
- General Discussion of Main Beam Studies

Drive beam

Thursday 09:00 => 10:20

< 15+5 min each talk

- Bernard Jeanneret: Drive Beam Complex
- Frank Stulle: Bunch Compressors and Turn Around Loop for the CLIC Drive Beam
- Erik Adli: Decelerator studies
- Caterina Biscari: Discussion of CTF3 studies

Wakefields, instabilities + crab cavity

Thursday 10:50 => 12:30

< 15+5 min each talk

- Daniel Schulte: Fast beam ion instability
- Giovanni Rumolo: Simulations of the fast beam ion instability
- Riccardo Zenaro: Wakefields and structure tolerances
- Steve Molton: PLACET/BDSIM Wakefield Interface
- Graeme Burt: Crab cavity system development
- Discussion

Where to Go (6-2-004)

