Plans and homework for LCWS 14

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3rd ADI FUZE meeting - 22.08.14

Structure of Workshop

- Follows the now established format
  - Monday - plenary
  - Tue-Thu - parallel sessions
  - Friday - plenary
- Parallel WGs
  - Sources
  - Beam dynamics (main linac & RTML)
  - BDS / MDI
  - CFS (ILC only?)
  - SRF Technology (ILC only)
- Thursday
  - ADI machine plenary for ILC (planning 1/2 day)

Sadly no Damping Ring WG

AD&I focus (themes)

- Consolidating baseline tunnel lengths & CFS layout
- Further consideration of beam loss (failure modes)
- Global aspects (e.g. timing)
  - special working group - see Ewan's talk

In addition to normal WG business (R&D etc.)

Consolidating baseline tunnel lengths & CFS layout

- **Review of TDR lattices & layout**
  - All functional requirements

- **Change Management**
  - Consolidation of expected or considered modifications to existing (TDR) baseline
  - Review & prioritise
  - CM planning for further work (post-workshop)

Further consideration of beam loss (failure modes)

- Catalog possible 'failure modes' for each accelerator system
- First-pass analyse of effects and required mitigation
- Estimation of results beam loss (if any)

Special session of ADI plenary to report/ review results

Goal: proposing a 'worst-case' beam-loss scenario of radiation safety

Summary of homework (ADI)

- Prepare 'functional requirements' list for you lattice and identify areas where lattice may change
- Review change requests (potential or real) for your area
- Brainstorm possible failure modes for your area and consider operations impact and especially beam loss

Will review status of preparations at September ADI FUZE meeting

Prepare agenda for ADI plenary session

Next ADI FUZE meeting:

Thursday 18 September?
Thursday 25 September?