

Editing Status of
Accelerator Systems R&D, CsrTA, ATF2
as of Sep.10

K. Yokoya

4.3 CesrTA

- author: Mark Palmer
- Got the first draft last week
- Interim Report + selected additions from CesrTA Phase I Report
- Mostly OK, except the references
 - missing ones are presumably in the tex file of the Interim Report (Don't know how I can retrieve them)
 - corrected some typos

4.4 ATF2

- author: Toshiaki Tauchi
- Finished the second version on Aug.29
 - though this has not yet fully included in the Forge version (seems to me)
- There can be final edits depending on the new results of ATF2 expected by mid December. (Presumably not in time of the PAC version)
- So, basically ready for EC review

5.3 Positron Source

- author: Wei Gai (alternative scheme section by T.Omori)
- The second version created long ago
 - Mainly, swapping between TDR1 and TDR2 from the first drafts
- POSIPOL2012 last week at Zeuthen
- Half day extra session for TDR
 - (Together with TDR2, must be send to Nan)
- Lots of polishments
 - And, therefore, further works assigned
- The third version tex.doc file sent to Maura today
 - This reflects only easy changes made in the workshop
 - But to be satisfied as the EC review version
- Expected updates by Arlington
 - Updates of Nb3Sn
 - Addition of RF undulator
 - Conclusion on the status of rotating target R&D (new news in the WS)
 - Conclusion of photon collimator study
 - Complete rewriting of Compton section
 - etc

5.6 Beam Dynamics (simulations)

- author: Kiyoshi Kubo
- Second version finished today
 - I edited TeX file (but cannot compile)
 - All references filled
 - Many parameters adapted to TDR
- OK for now as the EC review version
- Still to be added
 - 1TeV dynamics (FFDD lattice)
 - Specification of linac quadrupole magnet (draft from Kiyoshi exists, do not know where to insert, to be referred to by TDR2)

Other Sections

- Overview of Chap 4 Beam Test Facilities
 - Good enough except the missing refs
- Electron source
 - Copy of Interim Report
 - Somebody (Nan?) is touching up?
- Damping Ring
 - Still the first draft
 - I know I am lazy. Do it tomorrow.