

Document Status

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Structure of the Document

1. ILC Accelerator Systems
 - Overview, work packages, timeline
2. Main Linac SRF
3. Sources
 - Electron Source
 - ✓ WP sour1
 - Positron Source (cover page, 1 page only)
 - ✓ Undulator Positron Source
 - Overview
 - WP Sour2 Undulator
 - WP Sour3 Rotating Target
 - WP Sour4 Magnetic Focusing System
 - ✓ e-Driven Positron Source
 - Overview
 - WP Sour5 Rotating Target
 - WP Sour6 Magnetic Focusing System
 - WP Sour7 Capture Cavity
 - WP Sour8 Target Replacement
4. Damping Rings
5. BDS
6. Beam Dump
7. Appendix
 - List of all the WPs

Latest Versions

- Electron source
 - ✓ **TechnicalPreparation_PES_v5.docx**
- Positron in general (KY, only 1 page)
 - ✓ The first page of **Technical-Preparation-PositronCombined-v3.docx**
 - ✓ I should have separated it from Undulator
- Undulator
 - ✓ Technical-Preparation-PositronCombined-v3.docx
 - ✓ No significant differences from v2 (but there have been complex version up (v0→v1→v2→v3→split v1→v2→combined again v2→v3))
 - ✓ Commented versions
 - Technical-Preparation-PositronCombined-v2with_comment.docx (Masao)
 - ILC-Techn. Undulator-Mcomments.docx (Peter)
 - ✓ New version just uploaded
 - **Techn-Prep-Undulator-fin-rev.docx**
 - ✓ Perhaps, I have to compare this one with ...PositronCombined-v3.docx and combine them
- e-Driven
 - ✓ Technical Preparation_EDriven_draft-V0.7.docx
 - ✓ Commented version
 - ILC-Techn. Dev-e-driven source.docx (Peter)
 - ✓ New version just uploaded
 - **Technical Preparation_EDriven_draft-V0.8.docx**

How to Proceed

- This document is basically a compilation of the proposed plans.
- Not a document to argue which the best scheme is.
- Various comments should be taken into account but after all at author(s) responsibility.
- Waiting for the final version → **Now I believe we have all the final versions from the authors**
 - Electron source : OK
 - Undulator : Gudi will give us the final today → **done**
 - e-Driven : Masao will give the final (v07 already close to final) → **done**
 - I shall do the final works such as chapter numbering, WP numbering, etc
- Some pages (mostly the pages written by Japanese) need proofreading for correction of English
 - Shin will submit to proofreaders on Friday

Appendix

- Special meeting on Dec.23
 - Regular time slot
 - Possible participation of US labs for undulator scheme
- Plan for the next regular meeting
 - WG2 parent group meeting on Jan.5
 - There can be final requests from WG2 on the document?
 - Prepare for this possibility?
 - Then, Jan.11 ? (This a national holiday in Japan)
- Plan for the next year
 - Not concrete yet
 - Discuss on the contents of the individual plan of the participating labs (negotiation with labs will start)
 - Certainly, the meeting will become more on technology