Report from GDE meeting at Chicago (16-20/Nov)

T. Omori (KEK) 27-Nov-2008
Euro-Japan phone meeting

Talks in GDE source session (1)

1. **Positron source update**
   Jim CLARKE

2. **Undulator Manufacture and Measurement**
   James ROCHFORD

3. **Positron Source integration update**
   Norbert COLLOMB

4. **Compton source Ring/ERL design & cavity experiment at ATF**
   Tsunehiko OMORI

5. **Hybrid targets**
   Robert CHEHAB

6. **300Hz positron generation scheme**
   Tsunehiko OMORI

7. **Compton stacking ring update**
   Frank ZIMMERMANN (presented by Masao KURIKI)

8. **Linac based Compton source**
   Vitaly YAKIMENKO

Talks in GDE source session (2)

9. **Fast or slow positron spin flipping**
   Sabine RIEMANN

10. **Positron Spin Rotation at lower energy than the damping ring**
    Kenneth MOFFEIT

11. **CLIC-ILC Common source activities**
    Louis RINOLFI

12. **Auxiliary positron source update**
    Masao KURIKI

13. **Lithium lens and window tests**
    Junji URAKAWA

14. **Electron Source Update**
    Axel BRACHMANN

15. **Polarized Cathode R&D update and PESP2008 summary**
    Feng ZHOU

16. **200 keV gun development for ILC**
    Masao KURIKI

17. **Updates on Cornell Positron Conversion Code KONN**
    Alexander MIKHAILICHENKO

Talks in other sessions

• LCWS gg/GDE BDS joint session
   Optical Cavity R&D around KEK-ATF
   Tohru TAKAHASHI

• GDE summary session
   Sources Session Summary
   Axel BRACHMANN / Jim CLARKE

Other activities related to e+ source

In Chicago, Kuriki-san made a proposal of a conventional e+ source for MM. This source is driven by a 700 MeV e- linac. Unfortunatly, there is no opportunity to present this proposal in the sessions, because Kuriki-san made this proposal after the day of e+ session. However, this proposal was explained/presented to Clarke-san and PMs. This proposal will be a part of MM study.

   New e- driven e+ source for MM
   Masao KURIKI

In the EC meeting in Chicago, Yokoya-san (GDE Asia Director) explained his concern about the undulator source and the necessity of the R/D of conventional sources. His arguments included "700 MeV e- driven source", "Liquid Lead Target", "Hybryed Target", and "300 Hz generation".