

DRAFT: Minutes of ML-SCRF Technology Meeting (121003)

Date & Time:

13:00-14:30 GMT, October 3, 2012, via Webex.

Participants:

R. Geng, H. Hayano, C. Nantista, S. Fukuda, A. Yamamoto, M. Ross, J. Carwardine, E. Elsen, K. Yokoya, and T. Shidara

Presentation files are available at the following Indico site:

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=5852>

1) Report from Project Managers (Akira Yamamoto and Marc Ross)

Akira started the meeting by visiting the usual SCRF related meeting schedule; LCWS12, TTC, IEEE-NSS, and so on, but he expressed his intension to focus on “SCRF related TDR status” and preparation for LCWS12 shortly.

2) Reports from Group Leaders (Rongli Geng, Hitoshi Hayano and Chris Nantista)

Rongli reported that they had a regular cavity group meeting on September 4. KEK reported that a new Hitachi 9-cell cavity successfully reached 40 MV/m level and the feasibility of local repair treatment to the low performance cavities in the near future. FNAL, Cornell and DESY presented continuous improvements, and Jefferson Lab reported the initiation of in-house manufacturing of Low Surface Field (LSF) 9-cell cavity.

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=5820>

Hitoshi reported that they had a regular CM Webex meeting on September 25. FNAL investigated the leakage problem in the CM2, but found no clear evidence (bellows part might be responsible). KEK restarted the operation of the Quantum Beam accelerator and expecting its operation till the end of December. <http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=5836>

Chris reported that they finished the conditioning of TTF-type couplers for FNAL and the 40-m KCS WG was successfully powered and resonated up to its required high power level.

John mentioned that they had successfully performed the FLASH 9mA study the week before at DESY.

3) TDR preparation status (John Carwardine, Eckhard Elsen, Kaoru yokoya and Akira Yamamoto)

John showed the general TDR preparation status. The 2nd snapshot had already sent to EC on 17 September, and would be finalized during the LCWS12 for PAC review in December. He asked the authors to check the 2nd pass editing comments and provide the required revision the forge portal within one week (<https://forge.linearcollider.org/tdr>).

Eckhard and Kaoru presented their comments on SCRF related TDR Part-1 and Part-2. Nick's comments were walked through by Akira. There still remain many parts to be revised and Akira will contact with related authors how to revise them soon.

4) LCWS12 preparation (Marc Ross)

Marc presented the LCWS12 meeting goals and agenda outline. The workshop plenary agenda has been adapted to reflect the recent 126 GeV 'Higgs-like boson' discovery announcement from LHC and would be a very exciting meeting. The details would be sent from PMs soon.

5) Further Plans and Meetings

ML-SCRF Webex	21 November
ALCPG-LCWS (U Texas-Arlington)	22-26 October
http://www.uta.edu/physics/lcws12/	
IEEE-2012NSSMIC (Anaheim)	29 October-3 November
http://www.nss-mic.org/2012/NSSMain.asp	
TTC Meeting (Jefferson Lab)	5-8 November
http://www.jlab.org/conferences/ttc2012/	
TDR Cost Review at FNAL	13-14 November
ILC-PAC Meeting at KEK	13-14 December
http://ilcagenda.linearcollider.org/conferenceDisplay.py?ovw=True&confId=5843	