

SCRF Monthly WebEx Meeting

2009-7-22

Agenda

1. Report from PMs (10 min) and GLs (10 min)
2. Progress Reports and Discussions: TOPIX
 1. Cavity Gradient, 'Global Data Base': by C. Ginsburg (10 min)
 2. HLRF: Kluster RF: C. Adolphsen (10 min.)
 3. HLRF: Distributed RF System: S. Fukuda (20 min.)
3. Next meeting Plan: (Aug. 19) move to Aug. 21

Report from PMs

- AD&I and Availability Study (M. Ross, N. Walker)
 - Preparation for ALCPG (Sept.) meeting
- FALC and Report from SCRF (July 13)
- S1-Global task sharing with FNAL (July 15)
 - Report from FNAL-KEK meeting,
 - Possibility for installing input-couplers in cooperation with DESY,
- KEK Acc. Internal Review for ILC-SCRF (July 22)

Report to FALC, July 13, 2009

Creation of a Global Database for Better Understanding of 'Production Yield' in TDP-2

- Global Data Base Team formed:
 - Camille Ginsburg (Fermilab) – Team Leader & Data Coordination
 - Zack Conway (Cornell University)
 - Sebastian Aderhold (DESY)
 - Yasuchika Yamamoto (KEK)
 - Rongli Geng (JLab) – GDE-SCRF Cavity TA Group Leader
- Activity Plan/Schedule:
 - End July 2009:
 - Determine whether DESY-DB is viable option,
 - Sept. 28 - Oct. 2, 2009: (ALCPG/GDE)
 - Dataset web-based
 - Support by FNAL-TD or DESY
 - Some well-checked, easily explainable, and near-final plots, available, such as
 - Production (process) yield
 - Qualified vendors and All vendors
 - Time evolution of some quantities
 - End Nov. 2009:
 - With broader group of colleagues' input, and
 - Finalize DB tool, web I/F, standard plots, with longer-term tool improvement plans

Progress Requested for Report for ILCSC, Aug. 19, 2009

- Progress report by C. Ginsburg,
 - SCRF, meeting, today,
- Further communication and discussions
 - Cavity Gradient (S0) WebEx Meeting, July 28,
- Next milestone for progress report
 - B. Barish, Director, asking us updating the plot to be ready for reporting to ILCSC, by himself,
 - Aug. 7 may be a reasonable day for us to report to B. Barish for sign-off by EC on Aug. 12.
- Global data base team work to meet his request is very much appreciated.

SCRF Discussions at FNAL, July 15

- Executive meeting:

- B. Kephart, M. Ross, J. Kerby, and A. Yamamoto
- Plan for the S1-Global and Two dressed cavity delivery from FNAL to KEK, by the end of Dec. 2009, has been well confirmed. The cavity performance should have reached > 31.5 MV/m at VTS,
- Industrialization effort has been discussed and the main stream with the EBW, and effort to investigate EBW technology has been much positively discussed. FNAL is to consider to purchase an EBW machine and to make further effort to understand the EBW work and quality (in a separate discussion between BK and AY, in the evening).

- Technical meeting:

- J. Kerby, M. Champion, D. Mitchell, T. Arkan, H. Carter, C. Grimm, M. Ross, and A. Yamamoto
- Technical details have been well discussed and nearly fixed,

- WebEx meeting:

- J. Kerby, T. Arkan, D. Mitchell, B. Kephart, S. Mishra, H. Hayano, N. Toge, E. Kako, N. Ohuchi, K. Yokoya, ...
- Confirmation of the meeting progress,

KEK Accelerator Internal Review on KEK-ILC-SCRF, July 22, 2009

Agenda

- 9:00 Closed session
- Reports:
- 9:15: ILC Accelerator SCRF R&D: General Plan and Organization
 - by A. Yamamoto
- 9:45: Report of the Cavity Design Selection for the STF Program at KEK
 - by K. Yokoya
- 10:30 STF plan/organization and the role for ILC R&D
 - by H. Hayano
- 11:00 Tesla-like SCRF cavity development: status and prospect
 - by E. Kako
- 13:00 STF cryomodule development: status report
 - by N. Ohuchi
- 13:30 Study of SCRF cavity surface
 - by T. Saeki
- 14:00 LL-type SCRF cavity development: status and prospect
 - by K. Saito
- 15:15: EP facility and EBW facility
 - by K. Ueno
- 16:00 General questions and answers
 - by all
- 17:00 Closed session
- 18:00 Close out1
- 8:30 Adjourn