

ACCELERATOR SEMINAR

“Recent Status at STF and JLab – KEK Collaboration for MHI#8”

***Kirk Yamamoto,
KEK High Energy Accelerator Research Organization***

S1-Global project is still going on at STF. We already finished the measurement of the Lorentz force detuning, the dynamic loss measurement, 4 cavity operation and the stability test for a long time. We are also doing the vertical testing of 9-cell cavities for ILC. Recently, MHI#13 reached 36MV/m above ILC specification (35MV/m, 0.8×10^{10}). This is the first time in KEK. Recently, the effect of the field emission is gradually decreasing. For the international collaboration, new tuning machine, which was developed by DESY and FNAL, arrived at STF on this September, and the commissioning test is starting now. On the other hand, on this November MHI#8 was sent from KEK to J-Lab for the surface treatment and the vertical testing there. It is just ready for the first vertical testing at J-Lab! In this talk, I'll present the recent status at STF, and the status of MHI#8 at J-Lab.

“ICHIRO Cavity Progress at JLab”

***Fumio Furuta
KEK High Energy Accelerator Research Organization***

Jlab/KEK collaboration on ICHIRO 9-cell cavity #7 has continued throughout this year. Recent progress on ICHIRO#7 and status will be reported. In addition, current activities in LL group at KEK also will be reported.

**Tuesday, December 14, 2010
10:30 a.m.
CEBAF Center, Room L102/104**

Coffee before seminar beginning at 10:15 a.m.