

ACCELERATOR SEMINAR

Highlights of International Workshop on Future Linear Colliders; SRF News from FNAL, KEK, DESY, Saclay ILC TDR, CLIC CDR and a Few Words about Higgs and Neutrinos

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The International Workshop on Future Linear Colliders was held from September 26 to October 1, 2011, in Granada, Spain. This is the second linear collider workshop with ILC and CLIC groups coming together along with the detector and physics groups. Some participants are from Muon Collider group. With the meeting's starting shortly after the report of faster-than-light neutrinos and ending a few hours before the shut down of Tevatron, there is a shared sense of community among the participants. Both ILC and CLIC are making progresses with the ILC Technical Design Report to be completed by the end of 2012 and the CLIC completing the feasibility studies. I will give a brief overview of the new progresses both from CLIC and ILC. I will focus on the new development of ILC related SRF R&D from worldwide labs (JLab is one of the major US contributor to the high gradient SRF cavity R&D under the America Regional Team funded by DOE HEP) coordinated by the Global Design Effort (GDE). I will of course say a few words on Higgs and Neutrinos –as it is the physics that driving the machine design and technology development.

**Thursday, October 13, 2011
11:00 a.m.
CEBAF Center, Room L102/104**

Coffee before seminar at 10:45 a.m.