Review of the CLIC X-band accelerating structure design and testing-program workshop

http://indico.cern.ch/conferenceDisplay.py?confId=15112

W. Wuensch

CLIC meeting

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Attendance well beyond expectation,

73 registered participants, of which 36 where from outside CERN.

Required last minute change of room – thank you Sonia

Two days:

The first was dedicated to structure design and technology

and

the second to test results, programs and facilities.

Presentations were given by members of labs directly involved in accelerating structure development – CERN, KEK and SLAC – to give a focused picture of the status of X-band structure development.

Collaborators will have the opportunity to give presentations during the CLIC workshop in October.

Main objectives:

Explain to the community our design, choices, logic, procedures.

Review the NLC/JLC accelerating structure status as it was in 2004.

Review what infrastructure remains today and further develop plans on how to use it.

Bring X-band enthusiasts, and associated specialized collaborators, together to galvanize a collaboration (which we will lead and which we desperately need).

Talks are on the web.

Personal thoughts about the workshop:

• Went rather smoothly

• Genuine feeling of enthusiasm – firstly from the X-band old-timers and by contagion to the others. More ambience even than HG2006.

• Genuine support for the ideas and strategy we have adopted and willingness to work on them.

• Strong will to collaborate at a level even beyond what we have been estimating. Examples: KEK testing and fabrication, utilizing more and parallel NLCTA slots. Managements are generally supportive of the initiatives but are constrained by commitments to the ILC.

• NLC/JLC structure design/fabrication/testing was intricately distributed between FNAL/SLAC/KEK so we need to help resurrect the old contacts between those labs. We can probably facilitate this by providing some kind of light collaboration structure. Proposed name: The Collaboration of the PhoeniX.