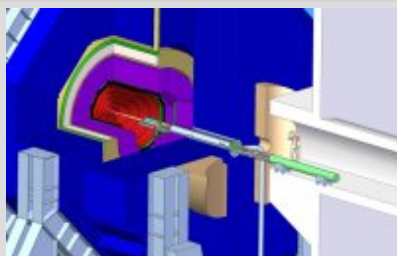


Around the World

SiD detector concept meeting at SLAC



Graphic from an engineering study of SiD on beamline. (credit: Marco Oriunno, SLAC)

The [SiD detector concept](#) collaboration met at SLAC from January 28 to 30. This meeting was planned last October at the ALCPG07 meeting at Fermilab, as part of the preparation for the Letter of Intent (LOI).

After the news about budget reductions, especially for ILC activities, in December last year in the UK and US, there was considerable discussion within SiD whether to have this meeting or not. In the end we decided to proceed as planned because the call for LOIs still exists and SiD wants to prepare an LOI.

[Read more...](#)

-- Harry Weerts and John Jaros

Calendar

Upcoming meetings, conferences, workshops



TILC08

[Joint ACFA Physics and Detector Workshop and \(GDE meeting\) on International Linear Collider](#)

Sendai

3-6 March 2008

[Positron Source Meeting](#)

DESY Zeuthen, Germany
7-9 April 2008

[Energy Polarization Workshop](#)

DESY Zeuthen, Germany

Feature Story

ICFA Statement on Funding for the Linear Collider



The ICFA chair greeted TILC08 participants via recorded video message.

What do you do when you are director of a lab and chairman of a large international committee and have been invited to different events on different continents on the same day, assuming you don't have clones? You try to attend both -- at least virtually. Albrecht Wagner, DG of DESY in Hamburg and chair of the International Committee for Future Accelerators (ICFA), gave an ICFA talk at the opening plenary of this week's TILC08 meeting that he had recorded earlier (Watch the [video](#)). He presented a statement agreed on by ICFA at their recent meeting at DESY:

The International Committee for Future Accelerators, ICFA, created to facilitate international collaboration in the construction and use of accelerators for high energy physics, expresses its deepest concern about the recent decisions in the United Kingdom and the United States of America on spending for long-term international science projects.

The full text is available [here](#).

-- Barbara Warmbein

In the News

Director's Corner

Science at Sendai



Hitoshi Murayama at the opening plenary session in Sendai.

The ILC community has gathered at Sendai in Japan this week for the joint Asian Committee for Future Accelerators (ACFA) Physics and Detector Workshop and Global Design Effort [meeting](#). The opening session of the meeting was highlighted by a forward-looking science [talk](#) by Hitoshi Murayama, called "ILC, Future Particle Physics and Cosmology." Hitoshi pointed to a strong convergence between particle physics and cosmology and gave several arguments why in order to "understand physics at the largest scale of the universe, we need to understand the smallest scale: elementary particles." In the process, he motivated the future need and role of a linear collider by showing its complementarity to the LHC for TeV-scale physics, creating an analogy to the very successful multi-waveband approach used in astronomy and specifically by giving several illustrative examples from other fields of physics.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

9-11 April 2008

[SiD Workshop](#)

RAL

14-16 April 2008

[Workshop on High energy photon collisions at the LHC](#)

CERN, Geneva

21-25 April 2008

[LoopFest VII](#)

[Radiative Corrections for the LHC and ILC](#)

University at Buffalo, The State University of New York, Amherst, New York, USA

14-16 May 2008

[ICFA NANOBEAM Workshop \(NANOBEAM-08\)](#)

[Announcement](#)

Budker INP, Novosibirsk, Russia
25-30 May 2008



= **Collaboration-wide Meetings**

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *BBC*
4 March 2008

Deadline looms for science cuts

Physicists and astronomers have three weeks to make the case for a number of high-profile projects at risk of being cut from the UK's science portfolio.

[Read more...](#)

From *AP*
1 March 2008

Particle Collider's Last Big Piece Set

GENEVA (AP) – Engineers on Friday fitted the last major piece into what they say will be the world's largest scientific instrument — a nuclear particle accelerator in a 17-mile tunnel under the Swiss-French border.

[Read more...](#)

Konnichiwa !



View the photo album for a few impressions of the TILC08 meeting taking place this week in Sendai, Japan. Part two will follow in next week's issue.

Announcements

arXiv preprints

[0802.4128](#)

A test of the BFKL resummation at ILC

[0802.4124](#)

One-loop QCD corrections to the $e^+e^- \rightarrow W^+W^- b \bar{b}$ process at the ILC

[0802.4049](#)

Virtual bilepton effects in polarized Moller scattering

[0802.3943](#)

Hidden particle production at the ILC