

Around the World

TILCO8 beyond the agenda



Because of a storm over Europe that left their luggage stranded in Helsinki, these three had to buy new supplies.

At the end of a productive working day, a long journey, a hard job or a rewarding week, Japanese people have a very useful phrase that expresses everything from gratitude and pride to exhaustion: *Otsukare sama deshita*, or simply *otsukare*. Even though not all participants of last week's TILCO8 meeting may be aware of the expression, all are almost certainly aware of the 'otsukare' feeling after several days of intense and rewarding parallel and plenary sessions, splinter meetings and social interaction. Here are some impressions from the meeting that did not make it onto the official agenda.

[Read more...](#)

[View photoalbum](#)

-- Barbara Warmbein

Calendar

Upcoming meetings, conferences, workshops

[Positron Source Meeting](#)

DESY Zeuthen, Germany
7-9 April 2008

[Energy Polarization Workshop](#)

DESY Zeuthen, Germany
9-11 April 2008

[SiD Workshop](#)

RAL
14-16 April 2008

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

CERN, Geneva

Feature Story

Michel Davier chairs the International Detector Advisory Group

Michel Davier, senior French physicist at LAL and Professor at University Paris-Sud 11, will chair the International Detector Advisory Group (IDAG) of the ILC project.

"It is an honour for me to serve the ILC project, especially in this particularly interesting stage when the experimental landscape is being established," says Davier. He has worked on electron-positron colliders for more than 30 years and he was LAL director for ten years in the eighties. Playing a leading role in particle physics in France, especially within the CELLO (DESY), ALEPH (CERN) and BaBar (SLAC) experiment collaborations, he is also a member of the French Academy of Sciences. In another aspect of his scientific career, he has been one of the leaders of the French-Italian Virgo project aiming at the detection of gravitational waves with a giant interferometer, thus sharing common scientific background with Global Design Effort Director Barry Barish, former director of the LIGO project in the US.

[Read more...](#)

-- Perrine Royole-Degieux



Michel Davier, physicist at LAL in Orsay, France, will chair the International Detector Advisory Group.

In the News

From *Today at Berkeley Lab*
11 March 2008

Taking the Measure Of Electron Clouds

The Spallation Neutron Source, the Large Hadron Collider, and the proposed International Linear Collider all depend on accelerating positively charged particles like protons, heavy ions, or positrons to high energies and high currents.

[Read more...](#)

Director's Corner

The ILC Technical Design Phase begins at Sendai



Mr. Takeo Kawamura, member of the House of Representatives in the Diet (national legislature) of Japan addressed the Sendai meeting about the importance of basic science projects like the ILC.

Last week the Global Design Effort held a major collaboration [meeting](#) at Tohoku University in Sendai, Japan attended by more than 200 participants from both the ILC detector and accelerator efforts. The past couple of months, in reaction to the negative funding actions in the US and UK, we have developed a new plan that maintains the highest-priority items in Technical Design Phase-1, lasting until 2010, while deferring completion of some of the longer-term items to 2012. Tohoku was a crucial time for us, as the meeting represents the first step in our new R&D plan towards the ILC. We focused this workshop on our short term goals with the highest priority in order to kick off the work in these areas as soon as possible. We believe this new highly prioritised programme will enable us to maintain our plan to be ready to propose ILC construction whenever the Large Hadron Collider results justify.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

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

[XXII Symposium on Photonics and Electronics for Accelerators and High Energy Physics Experiments](#)

Warsaw University of Technology Resort, WILGA
26 May - 1 June 2008



[GDE Meeting - ILC Conventional Facilities and Siting Workshop](#)

JINR, Dubna, Russia
3-7 June 2008

[ECFA 2008](#)

Warsaw, Poland
9-12 June 2008



= **Collaboration-wide Meetings**

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Interactions.org*
10 March 2008

From high school student to particle physicist in one day

The teachers work on real particle physics data, compare their results with colleagues from other countries and discuss with each other how to incorporate particle physics more thoroughly into their classes.

[Read more...](#)

From *The Earth Science*
7 March 2008

WMAP Reveals Neutrinos, End of Dark Ages, First Second of Universe

WMAP has found evidence for this so-called "cosmic neutrino background" from the early universe. Neutrinos made up a much larger part of the early universe than they do today.

[Read more...](#)

From *Labnews.co.uk*
6 March 2008

Dark matter could remain hidden

If dark matter however, is a twin phenomenon of dark energy, it will not show up at instruments like the LHC, but has been seen over and over again in galaxies by astronomers.

[Read more...](#)

国際リニアコライダー



Just in time for the big meeting in Japan, the first translated version of [The International Linear Collider - Gateway to the Quantum Universe](#) has come out in Japanese. More languages will follow. Order your Japanese copy [here](#).

Announcements

ILC Note

[2008-041](#)

Synchrotron Backgrounds for Laserwire Detector in Upstream Polarimeter Chicane

arXiv preprints

[0803.0996](#)

Production of Single Heavy Charged Leptons at a Linear Collider

[0803.0887](#)

Off resonance background effects in $e^+e^- \rightarrow t \text{ anti-}t H$