

Around the World

A night of wonder



Fujimoto (left) and Yamashita (second from left) giving a lecture with the four moderators by their side. (From left: Yuji Kaida, writer and illustrator, Aya Kaida, novelist, Hidenori Shibao, game creator, and Kenichi Kojima)

Men and women wearing gaudy dresses, looking for customers under garish neon signs – this is a common sight in Kabuki-cho, Shinjuku, a famous entertainment and red-light district in Tokyo, Japan. Walking down an alleyway that has countless bars and nightclubs, you will see a hand-written sign posted on the billboard of a shabby building that says, "The Accelerator's Night 3." [Read more...](#)

-- Rika Takahashi

Calendar

Upcoming meetings, conferences, workshops

[Lepton-Photon 2007](#)

Daegu, Korea
13-18 August 2007

[CHEP 07 - International Conference on Computing in High Energy and Nuclear Physics](#)

Victoria, Canada
2 - 7 September 2007

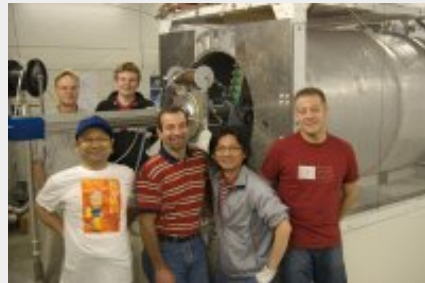
[VII International workshop on Problems of Charged Particle Accelerators: Electron-positron Colliders](#)

JINR-BINP, Alushta (Crimea, Ukraine)
2-8 September 2007

[TWEPP 2007](#)

Feature Story

Mapping a magnet



A three-lab team is working on mapping the Japanese magnet that went to space.

Three pairs of eyes cast one last look around the room. Have all scissors, ladders, metallic tables been removed? No pins or pens lying around anymore? Once the team is sure that nothing is left in the area, they close the security doors and give the go-ahead – the magnet that has been to [space](#) can be charged for the first time since its arrival at its new home in the DESY test beam. Before its field of 1 Tesla can bend the tracks of particles in a EUDET detector prototype, however, the scientists have to map the field very precisely. And they don't want steel-capped boots flying into the coil. [Read more...](#)

-- Barbara Warmbein

Image of the Week

STF Progress Report



KEK's new vertical test stand in preparation in the Superconducting Test Facility building. Two deep holes have been prepared for accommodating vertical cryostats.

Director's Corner

FALC meeting in Rome



Roberto Petronzio, President of INFN, chairing FALC meeting

One of our most important and challenging goals for the ILC will be to develop government agreements that will underlie a true international governance for the ILC. We are a long way from achieving that goal, and I anticipate that will be done as part of bringing together multiple government commitments to the project. In the absence of having the oversight and guidance that comes with formal governance, the R&D and engineering design phase of the ILC is guided on the technical side by ICFA and its subcommittee, ILC Steering Committee, and on the government side, through the Funding Agencies for Large Colliders (FALC), an informal group of representatives of governments and funding agencies from around the world. The most recent meeting of FALC was held in Rome on 11 July at INFN Headquarters. This was an important meeting for the GDE, because we formally presented our Reference Design Report (RDR) to FALC, as well as our plans for developing an engineering design and report (EDR) over the next three years. [Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Announcements

Prague, Czech Republic
3-7 Sept 2007

Upcoming schools

[Toward the ILC: A Fermilab
Community School on R&D
Challenges and Opportunities](#)
Fermilab
25-27 July 2007

[2007 SLAC Summer Institute](#)
Stanford Linear Accelerator Center
30 July - 10 August 2007

[Second International Accelerator
School for Linear Colliders](#)
Ettore Majorana Center, Erice (Sicily),
Italy
1-10 October 2007



**= Collaboration-wide
Meetings**

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

In the News

From *New York Times*
24 July 2007

At Fermilab, the Race Is on for the 'God Particle'

In 1977, Steven Weinberg, then two
years shy of the Nobel Prize in
Physics, decided to do a little of what
some theorists call 'ambulance
chasing.'
[Read more...](#)

From *Nature Magazine*
19 July 2007

How the LHC came to be (subscription required)

The idea of following CERN's Large
Electron-Positron Collider (LEP) with
a Large Hadron Collider (LHC),
housed in the same tunnel, dates
back at least to 1977, only two years
after LEP itself was conceived.
[Read more...](#)

From *Scenta*
17 July 2007

Space probe

A UK-developed key component of
the International Linear Collider (ILC)
- one of science's most ambitious
ever projects - has successfully
completed prototype testing.
[Read more...](#)

arXiv preprints

[707.3182](#)

21 July 2007

Collider Signals of Gravitational Fixed
Points

[707.3162](#)

20 July 2007

Triple Higgs boson production in the
Linear Collider

[707.3096](#)

20 July 2007

Probing Little Higgs Model in

$e^+e^- \rightarrow \nu\bar{\nu}\gamma$ Process

ILC Notes

[2007-027](#)

R&D for the International Linear
Collider

[2007-026](#)

Commodity Computing Architecture
for ILC Reference Design

[2007-025](#)

Timing and RF Phase Reference for
ILC Reference Design

[2007-024](#)

Report to the Calorimeter R&D
Review Panel

[2007-021](#)

Vacuum Guidelines for the ILC
Vacuum Systems