

Around the World

From SLAC Today: symmetry Magazine launches new online format



Check out *symmetry* Magazine's new [website](#).

The latest issue of *symmetry* launches the next phase of the magazine's development. Our readers now use the magazine in different ways, and we are reaching a much larger audience. While readers are outspoken in wanting to keep the print magazine, many of them are now more comfortable reading online. [Read more...](#)

-- David Harris, *symmetry* editor-in-chief

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](#)

Rutherford Appleton Laboratory, Abingdon, United Kingdom
14-16 April 2008

[ILC Vertex Detector Workshop](#)

Villa Vigoni, Menaggio, Italy
21-24 April 2008

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

CERN, Geneva
21-25 April 2008

[FCAL Collaboration Meeting](#)

Institute of Nuclear Physics, Cracow,

Feature Story

Accelerator Advisory Panel to help Project Managers



The new Accelerator Advisory Panel met for the first time in Sendai.

The [TILC08 meeting](#) in Sendai saw the first gathering of the new Accelerator Advisory Panel (AAP). Other than the yet to be established [Project Advisory Committee](#), which will be formed following a request from the International Linear Collider Steering Committee (ILCSC) and will consist mainly of machine and detector experts from outside the ILC community, the AAP is an internal body, there to advise the Global Design Effort director and to give critical recommendations. [Read more...](#)

-- Barbara Warmbein

In the News

From *interactions*
3 April 2008

Call for Nomination for Next Director-General of KEK

KEK, High Energy Accelerator Research Organization, invites nominations for the next Director-General whose term will begin April 1, 2009. [Read more...](#)

From *Daily News Record*
31 March 2008

Opinion Details: Let's Take A Chance

... The physicists are seeking answers to some of the most mysterious questions of existence. Say the critics are right and there is an infinitesimal chance of danger. As the human race, let's take the chance. [Read more...](#)

Director's Corner

The ILC in Osaka



Fumihiko Takasaki (KEK Trustee and former GDE Regional Director) conferring with Sachio Komamiya (University of Tokyo) during the symposium.

Last week, the 63rd Annual Meeting of the Physical Society of Japan was held on the Kinki University campus in Osaka, where I participated in a special symposium dedicated to the International Linear Collider. This was an important opportunity to expose our motivations, plans and progress towards a linear collider to colleagues from other fields of physics. The session consisted first of an introductory set of talks by Sachio Komamiya, Sakue Yamada and myself, followed by a set of more specialised talks on the accelerator and detector R&D programmes. [Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

Crab cavity?



At last week's Japanese Physical Society meeting in Osaka, Japan (see Director's Corner), representatives of the ILC management also sampled some local specialities. Whether this will have any influence on the design of the ILC's crab cavity remains

Poland
6-7 May 2008

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

University at Buffalo, Amherst, New York, USA
14-16 May 2008

[ICFA NANOBEAM Workshop](#)
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

Upcoming schools

[Terascale Monte Carlo School](#)
DESY, Hamburg, Germany
21-24 April 2008



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Physics World*
28 March 2008

LHC set for July start up
Engineers at CERN are making the final touches to the Large Hadron Collider (LHC) — the biggest experiment in particle physics — and expect to have it running in the first half of July.
[Read more...](#)

From *Science*
28 March 2008

Last Collider Standing
... American physicists hope the answer lies in hosting the proposed International Linear Collider at Fermilab. But there's competition from Europe and Japan, and Congress has reduced funding this year for research on that multibillion-dollar machine.
[Read more...](#)

From *SLAC Today*
28 March 2008

Word of the Week: Linear Collider
A linear collider employs a linear accelerator to create two beams of accelerated particles that are smashed together, and the results of those collisions are measured by particle physics detectors.
[Read more...](#)

unclear...

Announcements

arXiv preprints

[0804.0081](#)

Z' Coupling Information from the LHeC

[0804.0033](#)

Doubly charged Higgs through photon-photon collisions in 3-3-1 models

[0803.4313](#)

Production of mirror fermions via $e\text{-}\gamma$ and $e\text{-}p$ collisions in the littlest Higgs model with T-parity

[0803.4161](#)

(N)LO Simulation of Chargino Production and Decay