

Around the World

German Research Minister launches XFEL



Albrecht Wagner gave a guided tour of the FLASH facility.

On Tuesday 5 June, the German Federal Minister of Education and Research Annette Schavan officially launched the European X-ray laser facility [XFEL](#). Using essentially the same superconducting accelerator technology that is planned for the ILC, the 3.4-kilometre XFEL (for X-ray free-electron laser) will produce high-intensity ultra-short X-ray flashes with the properties of laser light. This will open up a whole range of new perspectives for fundamental research and for industrial users.

[Read more...](#)

-- Barbara Warmbein

Calendar

Upcoming meetings, conferences, workshops

[Workshop on Possible Parity Restoration at High Energy](#)
IHEP, Beijing
11-12 June 2007

[US ILC Detector R&D Review](#)
Argonne National Laboratory
19-20 June 2007

[Photon 2007](#)
Paris, France
9-13 July 2007

[2007 Cryogenic Engineering Conference and International Cryogenic Materials Conference](#)
Chattanooga Convention Center
Chattanooga, Tennessee USA

Around the World

'Yara-maika': Hamamatsu pulls the spirits of Japanese industry



Atsuto Suzuki (current Director General, KEK) at operation test of Kamiokande's world largest photomultiplier in 1982.

During the eighth workshop of the "Federation of Diet members to promote the realisation of ILC" held at Nagatacho, Tokyo on 26 April, there was a lecture that provided a good feeling of the "Yara-maika" spirit.

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-- Rika Takahashi

In the News

From *ZDF - heute.de*
5 June 2007
Sartschuss für weltweit einzigartige Lichtquelle
[Read more...](#)

From *ARD - tagesschau*
5 June 2007
Startschuss für Röntgenlaser
[Read more...](#)

From *Deutschlandfunk - Forschung Aktuell*
5 June 2007
Startschuss für die Superlampe
[Read more...](#)

From *sueddeutsche.de*
5 June 2007
Lichtblitze aus der Kälteröhre
[Read more...](#)

From *BBC news*
5 June 2007
Green light for flash fantastic
[Read more...](#)

Director's Corner

LCWS 2007 & ILC 2007



A solemn welcome by one of the zoo's residents to the workshop dinner.

Hamburg put on its best face to greet the more than 600 registered guests who arrived at DESY last week for the big annual ILC get-together; blue skies and sunny warm weather succeeded the drizzle and grey of the pre-meetings. It was a workshop that sat on the cusp between two eras, that of the Reference Design and the Engineering Design. A similar phase change is also occurring in the detector community, as it comes to terms with how to coalesce to form two collaborations. This imminent change of pace gave the meeting a feeling of excitement and anticipation which has palpably displaced the sense of achievement, and exhaustion, evident at our last major meeting in Beijing.

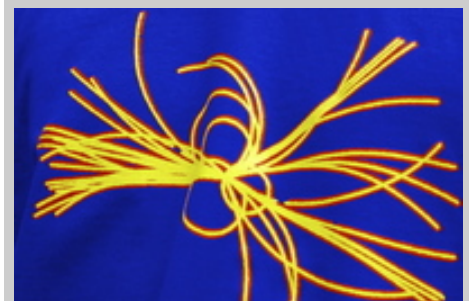
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-- Brian Foster

[Director's Corner Archive](#)

Image of the Week

Phase transition [LCWS and ILC 2007 slideshow part 2](#)



They're on a roll: Scientists working on all aspects of the International

16-20 July 2007

[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

 = Collaboration-wide
Meetings

[GDE Meetings Calendar](#)

From *Die Welt*
5 June 2007
**Eine Superlampe für eine
Milliarde Euro**
[Read more...](#)

From *Handelsblatt*
5 June 2007
**Startschuss für weltweit
einzigartigen Röntgenlaser in
Hamburg**
[Read more...](#)

From *Hamburger Abendblatt*
5 June 2007
**Finanzierung aus 13 Ländern für
das Desy-Projekt XFEL steht**
[Read more...](#)

From *BMBF press release*
5 June 2007
**Schavan: "Ein Meilenstein für
Europas Wissenschaftler"**
[Read more...](#)

From *Le Monde*
4 June 2007
**Le futur accélérateur de
particules du CERN n'entrera en
service qu'en 2008**
[Read more...](#)

From *NBC5.com*
30 May 2007
**Fermilab Hoping For Smashing
Finish To Race**
[Read more...](#)

From *Physics World*
June 2007
Sounding out the Big Bang
[Read more...](#)

Linear Collider have gathered momentum like never before. The Reference Design Report is nearing completion, a recent international cost review was very successful and the physicists working on the detectors have defined clear goals for the future that will bundle all R&D efforts and ensure that they get the best possible – and most exciting – physics out of it. The global International Linear Collider machine and detector community are currently gathering at DESY in Hamburg. A new management structure with three project managers marks the entrance of the project's next phase, during which an Engineering Design Report will be produced. The project managers, one per region of the ILC, will be the interface between the organisation's Executive Committee and the scientists and engineers working at the base, managing the projects R&D, monitoring cost and prepare for industrialisation. At the end of the three-year Engineering Design phase, the ILC scientists expect to start a site selection process, a construction proposal and first steps towards international governance and funding. A new roadmap defines the future of the detectors, and the community will appoint a new Research Director to coordinate efforts. The excitement and momentum within the community is almost palpable," said Director Barry Barish. "The ILC is a great scientific project being developed by a unique global effort. This next phase will put us in the best possible position to successfully propose the project to our governments.

Announcements

arXiv preprints

[0706.0232](#)

1 June 2007

Single production of the doubly charged scalar in the littlest Higgs model