

Around the World

Living the Standard Model and Beyond: DESY Theorist Peter Zerwas retires



More than theory: Siegfried Bethke hugs retiree Peter Zerwas after his speech.

In a packed auditorium many of world's leading high-energy physics brains celebrated 'one of the sculptors of the physics of the ILC which wouldn't be doable without him', said Rolf-Dieter Heuer, DESY, and 'not just a colleague, more of a friend', said Siegfried Bethke, Max Planck Institute for Physics. Last Tuesday, a day before the start of the ILC / LCWS 07 symposium, they had gathered for a colloquium in honour of theorist Peter Zerwas, who is retiring at the age of 65, 'after more than 250 publications, 12000 citations and certainly many more to come', said Albrecht Wagner, DESY Director-General.

[Read more...](#)

-- Barbara Warmbein

Calendar

Upcoming meetings, conferences, workshops

 [LCWS 2007](#)
Hamburg, Germany
30 May - 3 June 2007

 [ILC 2007](#)
Hamburg, Germany
30 May - 2 June 2007

ILCSC Meeting
DESY
1 June 2007

Feature Story

ILC industry thinks outside the box



FALC has commissioned a study on the technical benefits of the ILC, something that will push scientists to think outside the box

What do the International Linear Collider and nuclear waste transmutation, cargo inspection or food and water sterilisation have in common? Technology. The same technology that the ILC will use to explore the fundamental nature of the universe may also have potential applications in other areas of science and industry. This is what a group of ILC scientists and industry met to discuss at an ILC Technical Applications Workshop on 15 May in Dulles, Virginia.

[Read more...](#)

-- Elizabeth Clements

Image of the Week

Moin, moin!



In a tent that appears to be larger on the inside than on the outside, more than 600 participants are gathering for the ILC and LCWS 2007 workshops at DESY in Hamburg, Germany. Here are some impressions from the first day. Workshop talks are available [online](#). [View Slideshow](#)

In the News

Director's Corner

MAC review of global ILC R&D programme

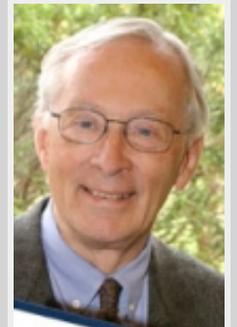
During the ILC reference design phase, leading up to the Reference Design Report (RDR), the International Linear Collider Steering Committee (ILCSC) appointed a Machine Advisory Committee (MAC) to provide technical reviews of our work. This committee has been very busy, meeting four times in a little over a year first to review progress in producing the RDR for their first three meetings. The committee recently held their fourth meeting on 26-27 April to review the plan for research and development (R&D), which will be necessary before the start of ILC construction. Their [report](#) from this recent meeting has just been issued. The report and our point-by-point responses will be presented to ILCSC on 1 June. This was the last scheduled meeting of the present MAC as charged in their mandate, although I fully anticipate that a new form of a MAC or technical advisory committee will be formed by the ILCSC to monitor our progress during the engineering design phase.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Announcements



Bill Willis, chair of the GDE R&D Board

[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



= Collaboration-wide Meetings

[GDE Meetings Calendar](#)

From *Deutschlandfunk - Forschung Aktuell*

31 May 2007

Schnurgerade Teilchenbahn

A 3-minute [piece](#) about the ILC on German national public radio. Listen to Barry, Lutz and Ties in German!

From *SLAC Today*

24 May 2007

Science Today: "ILC Tribes" Gather

Last month Fermi National Accelerator Laboratory served as host for a "gathering of the International Linear Collider (ILC) tribes." Three back-to-back meetings covered superconducting (SC) technology R&D, an international review of the ILC Global Design Effort (GDE) and a review of R&D progress in the Americas.

[Read more...](#)

From *Nature Magazine*

24 May 2007

Japan centres aim to put science in premier league

Japan's top researchers are this week putting the finishing touches to their applications to run a World Premier International Research Center, the grandiose title of the latest government effort to boost Japanese scientists' links with their colleagues overseas.

[Read more...](#)

arXiv preprints

[0705.3997](#)

28 May 2007

The International Linear Collider

[705.3071](#)

21 May 2007

Dijet production in generic contact interaction at linear colliders

ILC Notes

[2007-023](#)

Representation of work spaces using a parametric model to support time-space conflicts analysis (A case study for time-space conflict analysis for the International Linear Collider project)

[2007-022](#)

Control System Architecture Model for ILC Reference Design

[2007-014](#)

Start-to-end transport design and multi-particle tracking for the ILC electron source