

Around the World

A strategy for the future

German particle physics community discusses recommendation for European strategy process



The German particle physics community has started to work out a roadmap for the future.

Germans enjoy punctuality, and Germans like to plan ahead. Though these may sound like tired clichés, the German particle physics community recently lived up to international expectations and met for a workshop to set the strategy for particle physics in Germany in the years to come. The physicists were asked by their funding agency, the German Federal Ministry of Education and Research, to map out the future and present their interests and priorities — next year the [European Strategy for Particle Physics](#) will plan a strategy that takes into account the latest results from the LHC. As one of the major players in Europe, Germany wants to be prepared. The overall strategy process will conclude in September 2012 with a new strategy for Europe.

[Read more...](#)

-- Barbara Warmbein

Calendar

Upcoming meetings, conferences, workshops

[SiD Workshop](#)

University of Oregon, Eugene, Oregon, USA
15-17 November 2010

[X-Band Structures, Beam Dynamics and Sources Workshop \(XB-10\)](#)

Cockcroft Institute, Daresbury, UK
30 November - 3 December 2010

[Second Baseline Assessment Workshop \(BAW-2\)](#)

SLAC
18-21 January 2011

Around the World

The Spanish Network for Future Linear Colliders meets in Valencia



Group photo during the Spanish National Network for Future Linear Colliders meeting in Valencia, Spain (October 2010). *Credit: Isidoro Garcia/CPAN*

The Spanish National Network for Future Linear Colliders met in Valencia, Spain on 25 and 26 October. Representatives from all Spanish groups involved in R&D activities on detectors and accelerators for future colliders, as well as physicists from theory groups, attended the [meeting](#) which showed big advancements developed in all the activities of the Spanish groups, both in accelerators and detectors. The challenge of organising the next global Linear Collider Workshop in 2011 at Granada was also very well received by the Spanish community.

[Read more...](#)

-- Isidoro Garcia (*Centro Nacional de Fisica de Partículas, Astropartículas y Nuclear*)

In the News

From *Daily Telegraph*
8 November 2010

Large Hadron Collider: The importance of lead-lead collisions at the LHC

The Large Hadron Collider's first collisions of heavy particles should provide significant new insights, writes John Ellis.

[Read more...](#)

From *BBC News*
8 November 2010

Large Hadron Collider (LHC) generates a 'mini-Big Bang'

The Large Hadron Collider has successfully created a "mini-Big Bang" by smashing together lead ions instead of protons.

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Director's Corner

Electron-cloud physics



Cornell workshop on electron-cloud physics

What is and what causes an electron cloud in a modern accelerator? What problems does it create on accelerator performance and how can its effects be mitigated? This was the subject of a [special workshop](#) at Cornell University held from 8 to 12 October 2010, sponsored by the Beam Dynamics Panel of the International Committee for Future Accelerators (ICFA). For the ILC, electron cloud effects can defocus the positron beam in the damping rings, thereby degrading the ability to create a low-emittance beam, a key in creating the required very small final beam spot. I recently visited Cornell to give a public lecture and to participate in this interesting and important workshop.

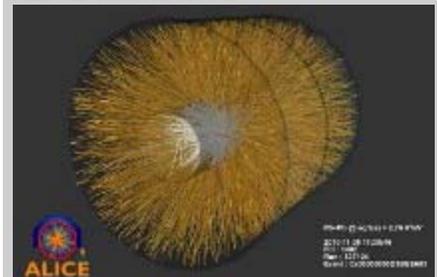
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-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

ALICE illuminated



After only four days of switching the LHC over to lead ions after a successfully completed run with protons from March, the experiments saw the first lead-ion collisions in their detectors. Shown here is an event in ALICE, specially designed to study these collisions and the quark-gluon plasma that scientists hope will reveal more about the conditions that existed fractions of a second after the

Upcoming school

[US Particle Accelerator School \(USPAS\)](#)

Old Dominion University, Hampton, Virginia, USA
17-28 January 2011

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *STFC*
8 November 2010

ALICE shines its way to a European first at STFC Daresbury Laboratory

A light source of unprecedented brilliance, the technology of which is poised to be responsible for significant advancements in fields such as healthcare, materials science and sustainable energy and to open up vast new areas for scientific exploration that have previously been inaccessible, has been achieved at the Science and Technology Facilities Council's (STFC) Daresbury Laboratory.

[Read more...](#)

From *Cherwell*
5 November 2010

Science dons jump ship over cutbacks

Cherwell can reveal that government cuts to scientific research are causing a brain drain in Oxford, as leading Physics professors are increasingly taking up better funded posts abroad.

[Read more...](#)

big bang.
[Read the CERN press release.](#)