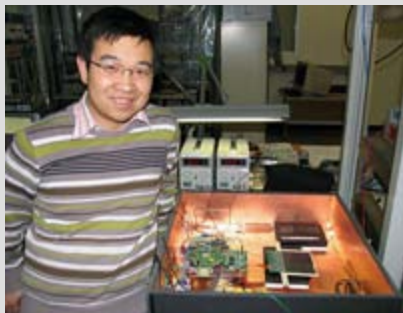


## Around the World

### From Fermilab Today: Sharing silicon know-how with Chinese partners



Beijing-based physicist Cai Xiao stands with some of the equipment used to test silicon sensors for IHEP's test-beam telescope.

With the quiet, deft manner of a jeweler showing his wares, physicist Cai Xiao opened a black box that, in a James Bond movie, might hold a stash of diamonds. This one held something every bit as precious. Inside lay a small, green circuit board topped with three shining silver strips: a silicon detector.

For Cai (pronounced "sigh"), this was the culmination of an almost year-long collaboration with a team at Fermilab's SiDet. Now that the sensor was finished, it was almost time for him to go home.


[Read more...](#)

-- Andrea Mustain

## Calendar

### Upcoming meetings, conferences, workshops

[CALICE Week at UT Arlington](#)  
Arlington, Texas, US  
10-12 March 2010

 [International Linear Collider Workshop 2010 \(LCWS10 and ILC10\)](#)  
Institute of High Energy Physics,  
Beijing, China  
26-30 March 2010

[XIV International Conference On Calorimetry In High Energy Physics \(CALOR2010\)](#)  
IHEP, Beijing, China  
10-14 May 2010

[The 1st International Particle Accelerator Conference \(IPAC'10\)](#)  
Kyoto, Japan  
23-28 May 2010

## Feature Story

### Progress report for the European ILC-HiGrade project



The annual meeting of ILC-HiGrade European Commission project was chaired by Eckhard Elsen, coordinator of the project. *Image: Perrine Royole-Degieux.*

Last week, collaborators from the ILC-HiGrade European Commission Framework 7 Project gathered at CERN, Switzerland for their annual meeting. Each project work package, from cavity, coupler and tuner production to ILC governance studies, was reviewed on 25 February. The ILC-HiGrade project is conducted by six European institutions: DESY, CEA, CERN, CNRS/IN2P3, INFN and Oxford University. 'ILC-HiGrade' stands for 'International Linear Collider and High Gradient Superconducting RF-Cavities' and one of the main objectives of the proposal is a small serial production of accelerating cavities at highest gradients.

[Read more...](#)

-- Perrine Royole-Degieux

## In the News

From *Fermilab Today*  
2 March 2010

### ICFA and ILCSC

Last week at Brookhaven National Laboratory we had back-to-back meetings of the International Linear Collider Steering Committee, the ILCSC, and the International Committee for Future Accelerators, or ICFA.

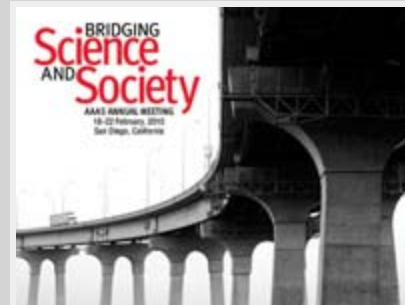
[Read more...](#)

From *KEK*  
25 February 2010

**The First T2K Neutrino Event Observed at Super-Kamiokande**  
Tsukuba, February 24, 2010.  
Physicists from the Japanese-led

## Director's Corner

### Particle Physics for biologists and beyond



"Bridging Science and Society" AAAS 2010 Annual Meeting  
(Science Magazine Cover, 6 November 2009)

In last week's guest Director's Corner written by Mike Harrison, Americas Regional Director, he discussed his responsibilities to communicate and inform different parts of the US government on the motivation, status and plans for the ILC. Today's column might be considered a sequel, in that I am addressing another important area of communication for the ILC and particle physics more generally: the need to engage our scientist colleagues in other areas of science ranging from biology to astronomy. There is no natural forum for such communication, except through general-interest articles in *Scientific American* or equivalent journals. I had a rare opportunity to address such an audience on the "[New Frontiers in Particle Physics](#)" as an invited plenary speaker at the annual meeting of the American Association for the Advancement of Science (AAAS) in early February.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

## Announcements

### Get ready for Beijing

The fifth General ILC Workshop (ILC10) is being organised by the Chinese Institute of High-Energy Physics, and will take place at the Friendship Hotel, Beijing, from 26-30 March. The workshop will run in parallel with the LCWS 2010 physics and detector workshops and share several joint plenary sessions. See the [workshop website](#) for registration and other details.



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

multinational T2K collaboration announced today that they had made the first detection of a neutrino which had travelled all the way under Japan from their neutrino beamline at the J-PARC facility in Tokai village (about an hour north of Tokyo by train) to the gigantic Super-Kamiokande underground detector near the west coast of Japan, 295 km (185 miles) away from Tokai.

[Read more...](#)