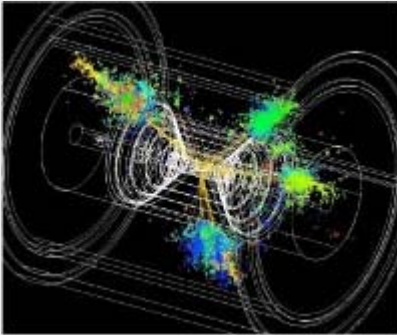


### Research Director's Report

#### Linear collider detector development

*This month's Research Director's Report was written by Hitoshi Yamamoto, co-chair of the Worldwide Study and regional detector contact for Asia.*



An event in the SiD detector, CLIC version.

I have just attended the CLIC09 workshop at CERN and am writing this column in the plane on the way back home. The number of registrants was about 250 from more than 20 countries, of which the attendance to the physics and detector sessions was about 50. The workshop was the third in the series, and attendance by the ILC community has been increasing each time. I acted as a convener of the physics and detector working group. It was not a participation as a regional contact of the ILC research directorate; nonetheless, I would like to share some information with readers of the ILC NewsLine.

[Read more...](#)

-- Hitoshi Yamamoto

[Research Director's Report Archive](#)

### BlogLine

21 October - [Frank Simon The Open Day](#)

21 October - [Ingrid Gregor A hitchhiker's guide to the conference galaxy](#)

### Feature Story

#### CALICE collaboration enters new phase



Part of the attendees of the CALICE meeting gathering at the Parc de la Tête d'Or in Lyon. Image: IPNL

Just after the ILC concept detector validation report was released, the CALICE (Calorimeter for the linear collider experiment) Collaboration met from 16 to 18 September in Lyon, France. This meeting was the place of lively discussions on the most recent test beam results and strategies for the R&D and studies for the future as the collaboration is entering now a crucial and intense new phase. It was the most attended CALICE meeting ever and nearly all participating countries were represented.

[Read more...](#)

-- Perrine Royole-Degieux

### In the News

From *CERN bulletin*  
19 October 2009

#### The Latest from the LHC: The LHC is cold!

On Thursday 8 October, sector 6-7 reached the cryogenic temperature of 1.9 K; it was followed, this week, by the last one, Sector 3-4, thus marking an important step towards the final commissioning of the machine.

[Read more...](#)

From *nature*  
15 October 2009

#### EU research programme weighed up and found wanting

Audit criticizes lack of sustainability of EU-funded projects.

### Director's Corner

#### ILCSC grapples with moving the Linear Collider forward



Enzo Iarocci, ILCSC chair

The International Linear Collider Steering Committee (ILCSC), a subcommittee of the International Committee for Future Accelerators (ICFA), held their biannual meeting on 19 August during the Hamburg Lepton Photon Conference. ILCSC provides scientific and technical oversight for the ILC accelerator and detector R&D and design efforts. The August meeting was particularly busy, as ILCSC dealt with issues varying from the validation of the letters of intent (LOI) for the detectors to ILC-CLIC collaboration to developing efforts on governance and siting. This was the final meeting chaired by Enzo Iarocci, who will be replaced by Jon Bagger, Johns Hopkins University, who also participated in this meeting.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

### Image of the Week

#### Bill Willis receives highest honour from Yale Graduate School

Bill Willis, chair of the ILC's Accelerator Advisory Panel, received the Wilbur Lucius Cross Medal from the [Yale Graduate School of Arts and Sciences](#) on 6 October. The medal was also awarded to three other Yale alumni for "outstanding achievement"; Willis



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## Calendar

### Upcoming meetings, conferences, workshops

#### [FCAL Collaboration Meeting](#)

CERN, Geneva, Switzerland  
21-22 October 2009

#### [2009 IEEE Nuclear Science Symposium and Medical Imaging Conference](#)

Orlando, Florida, USA  
25-31 October 2009

#### [6th ILC Positron Source Collaboration Meeting](#)

IPPP, Durham, UK  
28-30 October 2009

#### [6th ILC Positron Source Collaboration Meeting](#)

IPPP, Durham, UK  
28-30 October 2009

#### [Linear Collider Testbeam Workshop](#)

LAL, Orsay, France  
3-5 November 2009

#### [GDE Meetings calendar](#)

[View complete ILC calendar](#)

[Read more...](#)

From *nature*  
14 October 2009

### Where the US stimulus money is going

How agencies have carved up their windfall.

[Read more...](#)

received it for "his wide-ranging experiments" that have been "central to his evolving field. He has also been an outstanding scientific administrator at national and international laboratories, including Brookhaven National Laboratory, the Fermi National Accelerator Laboratory, and CERN (European Organization for Nuclear Research). He has served on many international scientific advisory panels and now chairs the Research and Development Board for the International Linear Collider."

## Announcements

### ILC Internal Document

[2009-041](#)

ILC Global Design Effort - Project Managers' Report - September 2009

### arXiv preprints

[0910.3316](#)

Neutralino Dark Matter and Higgs mediated Lepton Flavor Violation in the Minimal Supersymmetric Standard Model

[0910.2636](#)

Monte carlo study of the physics performance of a digital hadronic calorimeter

[0910.2579](#)

$\gamma \gamma \rightarrow \mu \tau b \bar{b}$  in Susy Higgs mediated lepton flavor violation