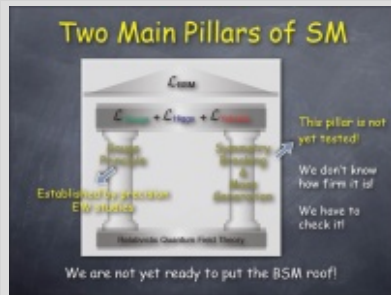


### Around the World

#### ILC physics subgroup meeting at KEK

Today's issue features a story from Keisuke Fujii, a particle physicist, who is a member of the ILC group in KEK.



The two main pillars of the standard model.

On May 31 we had a meeting of our ILC physics subgroup, which is a mixture of experimentalists and theorists working in Japan. The meeting was the fifth in a series that started about a year ago, and each time 20 to 30 people got together to monitor and discuss the direction of the subgroup's activities. The primary task of the subgroup is to reexamine the ILC physics in the context of the expected LHC results and to further strengthen the physics case for the ILC project.

[Read more...](#)

-- Keisuke Fujii

### Calendar

#### Upcoming meetings, conferences, workshops

[European Particle Accelerator Conference \(EPAC'08\)](#)

Genoa, Italy  
23-27 June 2008

[Joint CesrTA Kickoff Meeting and ILC Damping Rings R&D Workshop \(ILCDR08\)](#)

Cornell University, USA  
8-11 July 2008

[34th International Conference on High Energy Physics \(ICHEP'08\)](#)

Philadelphia, USA  
29 July - 5 August 2008

### Feature Story

#### Second sound sounds promising Cornell proposes new cavity temperature mapping technique



Is it a microphone? Is it a thermometer? It's an oscillating superleak transducer!

"Our superconducting technology group here at Cornell is doing some very fundamental R&D," says Hasan Padamsee, physics professor at Cornell university and expert in superconducting rf technology. "Note that the stress is on the fun in fundamentals." Students are even allowed to drill holes into cavity prototypes in order to find out what makes certain areas in the material behave differently from others. A new mapping technique, invented by Cornell's Don Hartill, Zach Conway and Eric Smith, could make it possible to locate quenches during cavity tests with just eight (instead of up to 180) thermometers.

[Read more...](#)

-- Barbara Warmbein

### In the News

From *Physics World*  
18 June 2008

#### No extra cash for UK physics

Any remaining hopes that the UK government might plug an £80m hole in the nation's physics-research budget were dashed yesterday.

[Read more...](#)

From *France Inter*  
17 June 2008

La "tête au carré", a France Inter radio programme devoted to science, set up its sound booth at CERN for a special broadcast on the LHC. Guest are 3 physicists, a theorist and an experimentalist from CNRS-IN2P3, France and an accelerator experimentalist from CERN.

Listen to the broadcast [here](#) (in French)

[Read more...](#)

### Director's Corner

#### Integrating ideas at Dubna



Marc Ross preparing his summary talk in Russian early on Friday

At the recent Conventional Facilities and Siting Workshop in Dubna, there were four focus groups: *Shallow Site, Infrastructure, Siting and Accelerator Systems*. However before the meetings formally began, the conveners of the latter two had integrated them into one. These conveners, Nikolai Solyak, Andrei Seryi, Masao Kuriki and myself, felt that the subjects had so much overlap and were so strongly coupled that it would be more productive for the parties involved to discuss them together.

[Read more...](#)

-- Ewan Paterson

### Director's Corner Archive

### Announcements

#### EUROTeV Reports

[02008-020](#)  
Collimator R&D

[02007-046](#)

Precision Beam Position Monitor for EUROTeV

## Upcoming schools

[The second Trans-European School  
for High Energy Physics \(TES-HEP\)](#)  
Buymerhovka, Sumy region, Ukraine  
3-9 July 2008

[Third International Accelerator School  
for Linear Colliders \(2008 LC School\)](#)  
Oak Brook, Illinois, USA  
19-29 October 2008



**= Collaboration-wide  
Meetings**

[GDE Meetings calendar](#)

[View complete ILC calendar](#)