

Around the World

SiD Workshop at Cosener's House



SiD meeting participants discussing in front of Cosener's House. (Photo: Steve Worm)

The SiD detector concept community met last week at the STFC's Cosener's House in Abingdon, UK. This was the first meeting after SiD submitted its Expression of Interest (EoI) and also the first SiD Workshop outside of the Americas. Hosted jointly by the Rutherford Appleton Laboratory and Oxford University, the workshop attracted around 65 participants, mainly from the US and Europe. The focus of the meeting was on the status of the Particle Flow Algorithms (PFA) and on optimising the SiD Detector. Norman McCubbin, the head of Particle Physics division at Rutherford Appleton Laboratory, opened the workshop and welcomed the SiD community to Cosener's House. John Jaros (SLAC) then outlined the goals of the workshop in his opening [talk](#). [Read more...](#)

-- Marcel Stanitzki, Rutherford Appleton Laboratory

Calendar

Upcoming meetings, conferences, workshops

[FCAL Collaboration Meeting](#)

Institute of Nuclear Physics, Cracow, Poland
6-7 May 2008

[LoopFest VII](#)

[Radiative Corrections for the LHC and ILC](#)

University at Buffalo, Amherst, New York, USA
14-16 May 2008

Feature Story

From Fermilab Today: SCRF meeting establishes compatibility framework



Attendees during the week-long international meeting on superconducting radiofrequency technology discuss compatibility.

Scientists from around the world work to develop components for future linear accelerators that use superconducting radiofrequency cavities. Research efforts should allow for a more efficient and cost-effective approach to furthering this technology. [Read more...](#)

-- Rhianna Wisniewski

In the News

From *Technology Review*
May/June 2008

A Who's Who of the Unseen

Then as now, a push for fresh experimentation in particle physics. [Read more...](#)

From *Technology Review*
May/June 2008

The New Collider

The large hadron collider may solve nature's great mysteries. [Read more...](#)

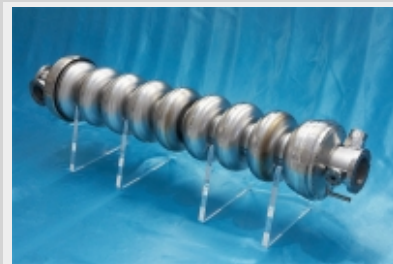
From *The Times*
30 April 2008

Top physicist is urged to quit over failings, flaws and secrets

..."We deplore STFC's failure to consult on ILC, Gemini and solar terrestrial physics, a failure that has cost it the trust of the scientific community," it said. "We conclude that the STFC's peer-review system is inadequate." [Read more...](#)

Director's Corner

The art of decision making: STF phase-2 cavity choice



The TESLA-like nine-cell cavity developed at KEK. (Photo: Nobu Toge)

One of the more difficult problems in conducting large-scale science projects is the process of decision making. The ability to make good decisions in a timely way can be an enormous challenge and can differentiate good management from not-so-good management. If you want to make complex technical choices you must balance the gathering of enough information to be scientific and analytical without taking so long that the decisions unnecessarily delay progress on the project. [Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

German chancellor meets LHC and CERN DGs



Many high-ranking politicians have visited CERN and signed its Golden Book. However, only very few of them can claim to have a deep understanding of the world of physics. Not so CERN's latest state visit on Tuesday: German chancellor Angela Merkel is not only Chancellor

[ICFA NANOBEAM Workshop](#)

Budker INP, Novosibirsk, Russia
25-30 May 2008

[XXII Symposium on Photonics and Electronics for Accelerators and High Energy Physics Experiments](#)

Warsaw University of Technology
Resort, WILGA
26 May - 1 June 2008



[GDE Meeting - ILC Conventional Facilities and Siting Workshop](#)

JINR, Dubna, Russia
3-7 June 2008

[ECFA 2008](#)

Warsaw, Poland
9-12 June 2008

Upcoming schools

[Terascale Monte Carlo School](#)

DESY, Hamburg, Germany
21-24 April 2008



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *The Times*

30 April 2008

Comment: Physics - Bureaucrats meddle with linear colliders at their peril

Four months ago Britain enjoyed a priceless reputation, earned over many decades, as a world leader in pure physics. Not any more.

[Read more...](#)

From *BBC*

30 April 2008

Science cuts 'hit UK reputation'

The UK has been left looking like an "unreliable" and "incompetent" partner for international science, according to a committee of MPs.

[Read more...](#)

From *Physics World*

30 April 2008

Report slams UK's leading physics funding agency

...According to the report, the fact that these decisions were made with little or no consultation cost the STFC the trust of the scientific community, and the way the ILC and Gemini decisions have played out make the UK look like an "unreliable" and "incompetent" international partner, respectively.

[Read more...](#)

From *Telegraph.co.uk*

30 April 2008

MPs report blames Government and a quango for science funding crisis

...And Prof Brian Foster, head of Particle Physics at Oxford University, adds: "I am immensely impressed that the select committee has put its finger on the four main factors that have contributed to the current problems:

[Read more...](#)

of Germany but also has a PhD in physics, which is why CERN DG Robert Aymar welcomed her as a 'member of the scientific community.' She met CERN's next DG Rolf Heuer, currently Director of Research at DESY, visited the LHC and ATLAS and chatted with German scientists working at CERN. (Photo: CERN)

Announcements

arXiv preprints

[0804.3917](#)

Threshold production of meta-stable bound states of Kaluza Klein excitations in Universal Extra Dimensions

[0804.3534](#)

No Higgs at the LHC

[0804.2899](#)

Solving the LHC Inverse Problem with Dark Matter Observations

[0804.1700](#)

Pair production of scalar top quarks in polarized photon-photon collisions at ILC