

Director's Corner

Happy new (Gregorian) year 2008!

As our year ends and we enter a new one, it is common practice to reflect on the past and dream of or plan the future. For the ILC, the year 2007 was a busy year. Some might say it was hectic, some would call it stressful or even a disaster, but certainly a lot happened.



High energy labs and experiments from around the world welcome the new year (top left: INFN, bottom left: ALICE, right: KEK).

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-- Ewan Paterson

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Calendar

Upcoming meetings, conferences, workshops

[ILD Workshop](#)

DESY, Zeuthen, Germany
14-16 January 2008

[Tesla Technology Collaboration Meeting](#)

DESY, Hamburg
14-17 January 2008

[SiD Workshop](#)

SLAC
28-30 January 2008



TILCO8

[Joint ACFA Physics and Detector Workshop and \(GDE meeting\) on International Linear Collider](#)

Sendai
3-6 March 2008

[Positron Source Meeting](#)

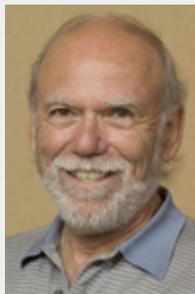
DESY Zeuthen, Germany
7-9 April 2008

[Energy Polarization Workshop](#)

DESY Zeuthen, Germany

Director's Update

The path forward



Barry Barish

Happy New Year! This is my first column of the new year after the crippling turn of events at the end of 2007. As most of you know, we first received bad news from the UK in an STFC (Science and Technology Facilities Council) report that they intend to "cease investment in the International Linear Collider." Just before Christmas we received the news of a last-minute compromise fiscal year 2008 budget bill in the US, with large reductions for science funding, including a drastically reduced the level of funding for ILC R&D (in numbers: the expected 60 million dollars were reduced to 15 million dollars, plus cuts in other areas). Following these developments, the question on all of our minds is whether and how we can move forward with our global efforts toward the ILC.

[Read more...](#)

-- Barry Barish

In the News

From *physicsworld*
9 Jan 2008

Japanese particle physics in good health

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From *Nature*

9 Jan 2008

Accelerator plans stalled after US and UK cuts Budget woes spell trouble for International Linear Collider.

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From *Nature*

9 Jan 2008

Editorial: Don't panic Whether to build the International Linear Collider is an open question, but R&D on it should be supported.

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From *New Scientist*

8 Jan 2008

US physics begins to crumble under budget strain

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From *Fermilab Today*

8 Jan 2008

Solidarity

[Read more...](#)

Announcements

arXiv preprints

[0801.0866](#)

Higgs self coupling measurement

[0712.4389](#)

Precision Measurement of a Particle Mass at the Linear Collider

[0712.4210](#)

Precision Measurements of the Stop Quark Mass at the ILC

[0712.4207](#)

Scalar Top Studies from Morioka'95 to DESY'07

[0712.4156](#)

Simulations of the Temperature Dependence of the Charge Transfer Inefficiency in a High-Speed CCD

[0712.4010](#)

A Method for the Precision Mass Measurement of the Stop Quark at the International Linear Collider

[0712.3912](#)

Direct determination of neutrino mass parameters at future colliders

[0712.3814](#)

Unparticle Searches Through Gamma Gamma Scattering

[0712.3782](#)

CKM-suppressed top quark decays $t \rightarrow q + W$ in the SM and beyond

9-11 April 2008

[SiD Workshop](#)

RAL

14-16 April 2008

Upcoming schools

[US Particle Accelerator School](#)

UC at Santa Cruz

14-25 January 2008



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Daily Herald*

8 Jan 2008

Batavia wants federal funding restored for Fermilab

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From *San Francisco Business Times*

7 Jan 2008

225 jobs cut at Stanford Linear Accelerator

[Read more...](#)

From *Palo Alto Online*

7 Jan 2008

SLAC is facing budget cuts, layoffs

[Read more...](#)

From *Physics World*

7 Jan 2008

Research funding should reward unpredictability

[Read more...](#)

From *AIP FYI*

6 Jan 2008

Reaction From Capitol Hill to FY 2008 S&T Funding Levels

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[0712.3399](#)

Introduction to the Photon Collider

[0712.2969](#)

New results for 5-point functions

[0712.2965](#)

General Features of Supersymmetric Signals at the ILC: Solving the LHC Inverse Problem

[0712.2806](#)

Development of CMOS monolithic pixel sensors with in-pixel correlated double sampling and fast readout for the ILC

[0712.2744](#)

Anomalous gamma gamma interaction