

ILC NEWSLINE SPECIAL ISSUE

FEATURE



## From ICFA : Lyn Evans appointed as Linear Collider Director

The international effort to design the world's next major particle collider has a new leader. On 20 May 2012, the International Committee for Future Accelerators announced the appointment of CERN's Lyn Evans as the new Linear Collider Director. Evans is the first to hold the new position, which will lead the Linear Collider organisation created to bring two existing large-scale linear collider programmes under one governance. He will be based at CERN.

FEATURE

## From Fermilab Today: ICFA appoints Lyn Evans as first Linear Collider Director

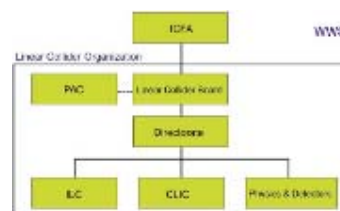


The International Committee on Future Accelerators (ICFA) has now taken the next significant step towards unification of the ILC Global Design Effort and the Compact Linear Collider organisation. It has appointed CERN's Lyn Evans to be the overall leader for the combined linear collider programmes. ICFA chair Pier Oddone comments.

DIRECTOR'S CORNER

## New leadership for the Linear Collider

by Barry Barish



ICFA announced yesterday that Lyn Evans will become the new Linear Collider Director, when the Global Design Effort (GDE) completes the ILC Technical Design Report and thereby

its mandate next year. This is very welcome news! Not only is Lyn a superb and exceptionally well-qualified candidate for the job, but his early appointment will give us the opportunity to make a smooth transition.

## VIDEO OF THE WEEK

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## From mining coal to colliding particles

Lyn Evans talks to the BBC about his life before the Linear Collider

In a 2009 video interview with the BBC, new Linear Collider Director Lyn Evans talks about how he, a miner's son from Wales, became project leader of the Large Hadron Collider at CERN. He says that "a random walk of life" brought him from Swansea to CERN, now another (not quite so random) walk of life has delivered a new challenge: uniting the linear collider efforts.

## IN THE NEWS

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from **Reuters**

20 June 2012

[Future collider project gets British chief](#)

- \* Linear technology to be used
- \* Projects will prioritise search for dark matter, energy
- \* All major powers will cooperate

from **V3.co.uk**

20 June 2012

[Lyn Evans tapped to head up international supercollider effort](#)

Prominent British physicist Lyn Evans has been named as the head for a planned international particle accelerator effort.

from **The Ithaca Journal**

18 June 2012

[Schumer announces \\$28M for Cornell's synchrotron](#)

Future funding uncertain, lab director says

from **The Guardian**

18 June 2012

[Does art-from-science really add anything?](#)

Neutrinos in Cheltenham, scepticism about art/science links and an example of art and quantum mechanics which worked for me

from **SLAC**

18 June 2012

[BaBar Data Hint at Cracks in the Standard Model](#)

Recently analyzed data from the BaBar experiment may suggest possible flaws in the Standard Model of particle physics, the reigning description of how the universe works on subatomic scales.

from **Spiegel online**

18 June 2012

[Gerüchte um Higgs-Boson: Forscher bloggen über Gottesteilchen-Durchbruch](#)

Ist das Gottesteilchen nun endlich entdeckt? In mehreren Blogs kursieren entsprechende Gerüchte – und sogar konkrete Zahlen. An den Messungen beteiligte Physiker wollen die Entdeckung jedoch nicht bestätigen.

from **DESY**

14 June 2012

[Tunnel construction completed: European X-Ray Free-Electron Laser reaches important milestone](#)

The European X-Ray Free-Electron Laser (EuropeanXFEL) reached an important milestone: the construction of the network of tunnels, which total nearly 5.8 kilometres in length and extend 3.4 kilometres from Hamburg-Bahrenfeld to Schenefeld in Schleswig-Holstein, is now finished.

## CALENDAR

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### UPCOMING EVENTS

[36th International Conference on High Energy Physics \(ICHEP2012\)](#)

Melbourne, Australia

04- 11 July 2012

[View complete calendar](#)

## PREPRINTS

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### ARXIV PREPRINTS

[1206.3560](#)

How well do we need to measure Higgs boson couplings?

## ANNOUNCEMENTS

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Seventh International Accelerator School for Linear Colliders to be held in India

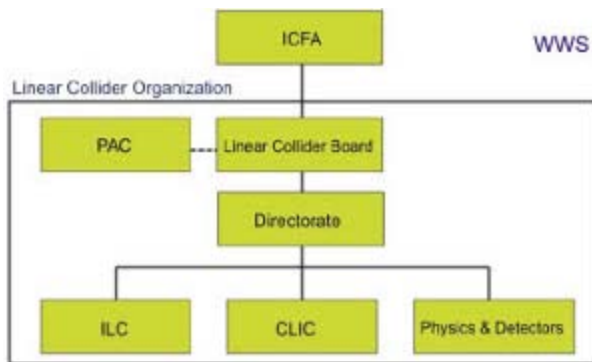
The Seventh International Accelerator School for Linear Colliders (2012 LC School) will be held from 27 November to 8 December 2012 at the [Radisson Blu Hotel](#), Indore, India under the auspices of the ILC GDE, CLIC and ICFA Beam Dynamics Panel. RRCAT will be the host institution. Detailed information can be found [here](#).

The school will teach the next generation (post-LHC) colliders including the ILC, CLIC, Muon Collider and ring colliders (LEP3, SuperTristan), as well as the associated accelerator science and technology (superconducting and room temperature RF, instrumentation, HLRF and LLRF, e+ and e- sources, linacs, storage rings physics, beam-beam interactions, etc.). The school will take a maximum of 70 students from around the world. Students will receive full or partial financial aid covering airfare, lodging, meals, local transportation and school supplies. Only [online application](#) will be accepted. The deadline is 20 July 2012.

## DIRECTOR'S CORNER

# New leadership for the Linear Collider

Barry Barish | 21 June 2012



Lyn Evans will direct the new Linear Collider Directorate that will include ILC, CLIC and Detector/Physics components

As we approach the final stages of the work of the Global Design Effort, we have been simultaneously assembling a very solid *Technical Design Report* that could be used as the basis of a construction proposal, while at the same time helping set the stage for the next steps towards an ILC. The next steps will involve continuing the worldwide R&D programme, especially the R&D on high-gradient superconducting radiofrequency cavities and the systems test programmes. In addition, there will be continuing work on physics, industrialisation as well as towards siting the project. The International Committee for Future Accelerators ICFA announced yesterday that in the new organisation (see chart), the new Directorate will be headed by Lyn Evans. He has a broad mandate that will include more integration of the continuing ILC R&D, the alternative CLIC Linear Collider technology R&D and the

ongoing work towards Linear Collider (LC) physics and detectors.

Lyn Evans brings many years of experience with particle accelerators from CERN, and especially from his role as Project Leader for the LHC during its formative days. Lyn is also very familiar with the R&D carried out for the ILC and design programmes because he has served since 2009 as chair of the ILCSC Project Advisory Committee (PAC) that conducts ongoing reviews of our technical work. Through that role, Lyn has become very well informed regarding all our work towards the *Technical Design Report*. In addition, the PAC will be the first to receive and review the TDR next December.

Now that Lyn has been appointed as LC Director, he will be able to participate from the beginning in the formation of the new organisation. The general ILCSC/ICFA plan is that once the ILC TDR and the Detailed Baseline Design for physics and detectors have been completed, reviewed and formally submitted to ICFA (which is expected to be around mid-2013), the ILCSC itself will be replaced by the Linear Collider Board, with five members from each region and a Chair. The Directorate will be formed under Lyn, including the Directors from the ILC, CLIC and Detector organisations below. We expect that an Associate Director for ILC will be appointed to manage the organisation following the GDE, and Lyn will work towards more integration of the ILC, CLIC and detector efforts as a major goal of the new organisation.



Lyn Evans, chairing the ILC PAC review in Prague, November 2011.

ICFA plans to launch the new organisation immediately following the Lepton-Photon 2013 meeting in San Francisco, where ICFA will officially receive and accept the final versions of the TDR and DBD, completing the mandate of the GDE and the present ILC

Detector efforts. .

I would like to personally congratulate and enthusiastically welcome Lyn to his new position as Linear Collider Director. I look forward to working with him over the coming year to make as smooth a transition as possible from the GDE to the follow-on ILC activities in the new organisation. I fully expect the transition to be a seamless one and move us another step towards being able to realise a Linear Collider in the not so far future. We will be ready, in the event that early discoveries and guidance from the LHC soon motivate a linear collider project.

[CLIC](#) | [GDE](#) | [ILC](#) | [LINEAR COLLIDER](#) | [MANAGEMENT](#) | [ORGANISATION](#)

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