

Around the World

Cornell University workshop highlights importance of R&D for ILC damping rings



Attendees of the CesrTA workshop listen attentively to the day's presentations.

From 25 to 26 June, about 40 attendees gathered at the Industrial and Labor Relations Conference Center at Cornell University in Ithaca, New York, to attend a [workshop](#) on the [Cornell Electron Storage Ring Test Accelerator programme](#) and to discuss R&D progress on the [damping rings and electron clouds](#). It was the first dedicated workshop for interested and participating researchers, students, and physicists to talk about the state of the CesrTA project since its debut last year. [Read more...](#)

-- Andre Sulluchuco

BlogLine

29 July - [Ingrid Gregor](#)
[Back to the Future](#)

26 July - [Ingrid Gregor](#)
[Rock On!!](#)

24 July - [Ingrid Gregor](#)
[Fraturday](#)

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Calendar

Upcoming meetings, conferences, workshops

Feature Story

Survey: how are we doing with NewsLine?



ILC NewsLine readers: your opinion counts. (Photo DESY)

As we are celebrating the 200th issue of *NewsLine*, we would like to take the opportunity to conduct a survey about your experience with the newsletter.

Which sections do you prefer? Are you satisfied with the content? In November 2007, we reported your [preferences and remarks](#) on *NewsLine*.

Now, we would like to know: have we improved since then? Are you reading *NewsLine* more than before? Do you like our special issues? We also want to know how to better address your needs and inform you on the ILC project. Your ideas and comments would be most welcome.

Express yourself

If you subscribe to this newsletter, you will receive the survey today by e-mail. Alternatively, you can also fill it online in [English](#) or in [Japanese](#). Please make sure to fill in the questionnaire only once! If you have any questions or concerns, please [send us an email](#).

We greatly appreciate your time in filling out the survey. Your feedback will help us provide you with a better publication!

-- *The ILC communicators*

In the News

From *FinancialMirror.com*
28 July 2009
Huge benefits from Cyprus' accession to CERN, Professor says
The scientific community of Cyprus

Director's Corner

Global effort for high-gradient ILC SCRF cavities

Year	07	2008	2009	2010	2011	2012
Phase	TDP-1			TDP-2		
Carly Gradient in v. test to reach 35 MV/m	→ Yield 50%			→ Yield 90%		
Carly-String to reach 31.5 MV/m with one cryomodule	Global effort for string assembly and test (see: IRL, DESY, KEK)					
System Test with beam acceleration	FLASH (DESY), NML (FNAL) STF2 (KEK, extend beyond 2012)					
Preparation for industrialization	Mass-Production Technology R&D					

ILC-SCRF R&D plan in Technical Design Phase.

I would like to thank Barry Barish for his [9 July](#) Director's Corner where he described the importance of and progress in the ILC superconducting cavity development, and also for the opportunity to write this column and expand on the efforts for an area of the Main Linac and Superconducting Radiofrequency (ML-SCRF) technology and the tasks ahead of us.

[Read more...](#)

-- Akira Yamamoto

[Director's Corner Archive](#)

Image of the Week

Happy 200th issue, ILC NewsLine!



ILC NewsLine was launched on 18 August 2005. Nearly four years later, the ILC communicators celebrated the 200th issue with a special birthday cake at CERN, where they visited the LHC and CLIC facilities.

Announcements

Last days for early registration to ALCPG!

Don't miss the early registration deadline for the Linear Collider

[Lepton Photon 09](#)

Hamburg, Germany
17-22 August 2009

[14th International Conference on RF Superconductivity \(SRF2009\)](#)

Berlin, Germany
20-25 September 2009

[2009 Linear Collider Workshop of the Americas \(ALCPG09\)](#)

The University of New Mexico,
Albuquerque, New Mexico, USA
29 September - 3 October 2009

Upcoming schools

[Linear Collider Physics School 2009](#)

Ambleside, England
17-23 August 2009

[Fourth International Accelerator School for Linear Colliders](#)

Beijing, China
7-18 September 2009

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

deems that the benefits from Cyprus' full CERN membership will be huge, since the know-how and the knowledge of CERN will be applied in various areas in Cyprus as well.

[Read more...](#)

From *Parade Magazine*
26 July 2009

The Race For The Secret of The Universe

Given this reprieve, the physicists at Fermilab began smashing particles as never before—revving up the Tevatron to more than 2000% of its original capacity and working around the clock

[Read more...](#)

From *ScienceNews*
24 July 2009

Rotation may solve cosmic mystery

Known as dwarf spheroidal galaxies, these ancient stellar groupings not only serve as fossil remains of the early universe but have the highest known ratio of dark matter to ordinary, visible matter.

[Read more...](#)

Workshop of the Americas and GDE meeting, or ALCPG, to take place this year in Albuquerque, New Mexico, US from 29 September to 3 October. After 1 August the registration fee goes up to 450 dollars! [Register here](#)

arXiv preprints

[0907.4374](#)

Can we discover multi-component WIMP dark matter?

[0907.4112](#)

Top quark forward-backward asymmetry from new t-channel physics

[0907.3916](#)

Fundamental Symmetries of the Early Universe and the Precision Frontier