

Around the World

From Fermilab Today: Recovery Act funds keep Fermilab wired



Electrician Stan Kramer works at New Muon Laboratory.

Electrician Stan Kramer spent the better part of a recession-hit 2009 unemployed. Then, last March, he received the call from Arlington Electric that he was needed for a newly created job at Fermilab.

Fermilab hired Arlington to do electrical work at the New Muon Laboratory with funds from the American Recovery and Reinvestment Act.

"If the NML funding didn't come through, I'd probably be laid off again," Kramer said. "Knowing where I was a year ago, having a stable job guaranteed for at least the near future is huge."

[Read more...](#)

-- Leah Hesla

Calendar

Upcoming meetings, conferences, workshops

[First Baseline Assessment Workshop](#)

KEK, Tsukuba, Japan
7-10 September 2010

[XXV Linear Accelerator Conference \(LINAC10\)](#)

Tsukuba, Japan
12-17 September 2010

[Topical Workshop on Electronics for Particle Physics \(TWEPP-10\)](#)

Aachen, Germany
20-24 September 2010

[Symposium on the Superconducting Science and Technology of Ingot Niobium](#)

Jefferson Lab, Newport News, USA
22-24 September 2010

[19th International Spin Physics Symposium \(SPIN 2010\)](#)

Jülich, Germany
27 September - 2 October 2010

[EUDET Annual Meeting 2010](#)

DESY, Hamburg, Germany
29 September - 1 October 2010

Upcoming schools

Feature Story

Particle night fever in Paris



Night of particles poster Image: CNRS Photothèque/IN2P3, CERN and Grand Rex, Design by Marie Lauvergon-Gourdon

How do you gather 2,000 Parisians and tourists in the middle of summer to talk about particle physics during a whole night? Probably following this recipe: find a magic venue, invite fascinating speakers and well-known artists, explore the frontier between science and cinema and advertise, advertise, advertise. Well, at least this is how the "Nuit des particules" – Particle Night – organised on 27 July at the Grand Rex theatre in Paris by the International Conference on High Energy Physics (ICHEP2010) this year happened to be a success.

[Read more...](#)

-- Perrine Royole-Degieux

In the News

From *BBC*
2 August 2010
Q&A: Rolf Heuer, director-general, Cern
[Read more...](#)

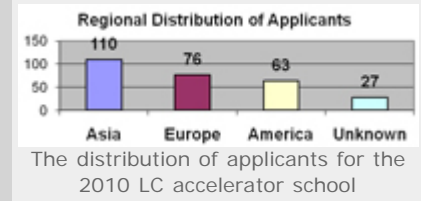
From *Ars technica*
2 August 2010
Searching through the LHC data flood for dark matter
[Read more...](#)

From *symmetry breaking*
30 July 2010
A slide that captures the future(s) of particle physics
[Read more...](#)

From *Stop Press news*
30 July 2010
Large Hadron Collider needs help
[Read more...](#)

Director's Corner

Students admitted to the fifth Linear Collider accelerator school



This year we have again had a very big demand and many qualified applicants for the "[Fifth International Accelerator School for Linear Colliders](#)." This year's school will be held from 25 October to 5 November 2010 in Villars-sur-Ollon, Switzerland, continuing the tradition of cycling the school between Europe, Asia and the Americas. The focus of the school will be on accelerator science related to the next-generation TeV-scale colliders, including the International Linear Collider (ILC), the Compact Linear Collider (CLIC) and the muon collider.

[Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

Science on the Seine



While ICHEP participants sat in the auditorium of the Palais des Congrès and listened to the last plenary talks, people strolling along the banks of the Seine river also got a share of science: clowns paraded on Paris plage, captivated kids with science tricks and challenged adults with science questions. Image: LAL/H. Kerec
[More info](#) (in French)

Announcements

Nuclear Instruments and Methods Physics Research Section A: 621 (2010) 33-38

Observation of magnetic resonances in electron clouds in a positron storage ring

Physics Research Section A: 621 (2010) 47-56

Experimental observations of in situ secondary electron yield reduction in the PEP-II particle accelerator beam

[Fifth CERN-Fermilab Hadron Collider Physics Summer School](#)
Fermilab, Batavia, IL, USA
16-27 August 2010

[Fifth International Accelerator School for Linear Colliders](#)
Villars-sur-Ollon, Switzerland
25 October - 5 November 2010

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Discover magazine blogs*
27 July 2010

New Revelations From Particle Colliders Past, Present & Future
[Read more...](#)

From *physics world*
21 July 2010

Einstein's Universe: the scientist, the man, the musician



[Read more...](#)

line

Physical Review Special Topics
[AB 13, 042801 \(2010\)](#)

Present status and first results of the final focus beam line at the KEK Accelerator Test Facility

arXiv preprints

[1007.5232](#)

Top, GigaZ, MegaW

[1007.5183](#)

Top-spin analysis of new scalar and tensor interactions in $e^+ e^-$ collisions with beam polarization

[1007.5085](#)

Inverse see-saw, leptogenesis, observable proton decay and $\Delta_R^{\pm\pm}$ in SUSY $SO(10)$ with heavy W_R

[1007.4984](#)

Radiative Events as a Probe of Dark Forces at GeV-Scale $e^+ e^-$ Colliders