

Calendar

Monday, August 21

PARTICLE ASTROPHYSICS
SEMINARS WILL RESUME IN THE FALL

3:30 p.m. Director's Coffee Break - 2nd
floor crossover

4:00 p.m. All Experimenters' Meeting -
Curia II

Special Topic: CMS Pixels in Test Beam

Tuesday, August 22

3:30 p.m. Director's Coffee Break - 2nd
floor crossover

THERE WILL BE NO ACCELERATOR
PHYSICS AND TECHNOLOGY
SEMINAR TODAY

Click [here](#) for a full calendar with links
to additional information.

Weather



Mostly Sunny **81°/60°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

HCPSS gets over 2,000 hits



Jim Shultz (left) and Al Johnson have live-streamed 48 hours of lecture during this year's session of Hadron Collider Physics Summer School.

Over 2,000 viewers from around the world tuned in to watch live streams of the Hadron Collider Physics Summer School that concluded Friday at Fermilab. "The audience was much larger than the summer school organizers expected," said Senior Media Services Specialist Jim Shultz, who streamed the live video along with Senior Media Services Associate Al Johnson.

Since the summer school started on August 9, Shultz and Johnson have streamed a full 48 hours of lecture. "A big challenge is just the mechanics of making sure each thing gets into the system and making sure each tape is in its place," said Shultz. In addition to making sure lectures are caught on camera and live-streamed to personal computers, Shultz and Johnson track down each presenter's PowerPoint lecture ahead of time to broadcast along with the live video, help speakers set up AV equipment for each talk, and archive the video once they had live-streamed it. For the archived talks, they also insert slides that the speaker points to during

Safety Tip of the Week

Ergonomic hand tools



Tools with bent handles are better than those with straight handles when the force is applied horizontally.

A hand tool only becomes "ergonomic" when it suits the task you are performing, and when it fits your hand without causing awkward postures or harmful contact pressures. If it does not meet these conditions, you may develop an injury such as carpal tunnel syndrome, tendonitis, or muscle strain. These conditions do not usually result from a single sudden event. Instead, they are caused by repetitive movements over time that damage muscles, tendons, nerves, ligaments, joints, cartilage, spinal discs, or blood vessels.

The best tool is one that fits the job you are doing, fits the available workspace, minimizes the force you need to apply, fits your hand, and can be used in a comfortable work position. It should be configured so you can work using your dominant hand with your wrist in a straight position. Soft non-slip grips are a definite plus. Whenever possible, the tool should be selected to demand the least force and without need for awkward postures.

For "power tasks" single-handle tools should have a grip diameter of 1¼" to 2" while double-handle tools should have grip spans from 2" (closed) to 3½" (open). The handle length should

Monday, August 21

- Minestrone
- Chicken & Mushroom Cheese Steak
- Baked Chicken Enchiladas
- Pot Roast
- Garden Turkey
- Assorted Slice Pizza
- Szechwan Green Bean w/Chicken

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, August 23**

- New Potato, Kielbasa and Gruyere Salad
- Strawberry Shortcakes

Thursday, August 24

- Roasted Beet and Citrus Salad
- Grilled Swordfish and Vegetable Kabobs
- Lemon Scented Rice
- Plum and Marzipan Strudel

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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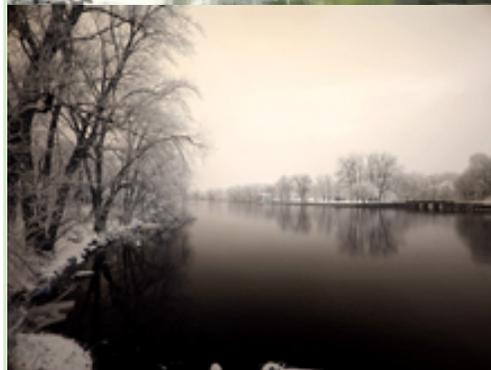
the video. "Our goal is to give the remote-viewer an experience as close to the live talk as possible," said Johnson.

The extra work has paid off; Shultz says students seem eager to review what they've learned in the HCPSS lectures.

"As the sessions have been going, a lot of the students are already asking me and the session chairs when the video will be available," said Shultz. "We are working faster than I than originally planned." All the interest is encouraging to Shultz, who says he's astounded by the level of commitment he's seen in the past few days. "I'm amazed, just amazed that these physicists are as passionate about what they do as they are. For the students here, it's a long day and they listen to a lot of technical information...in that sense I'm really impressed."

--Siri Steiner

Archived video of the summer school lectures will soon be available on the [VMS website](#).

Photo of the Day

also be longer than the widest part of your hand - usually 4 inches to 6 inches. For "precision tasks" single-handle tools should have a grip diameter of ¼" to ½" while double-handle tools should have grip spans of 1" (closed) to 3" (open).

If you would like additional information you can read a recent [NIOSH publication](#) on the ergonomics of hand tools or contact your division/section representative of the [Lab's Ergonomics Subcommittee](#).

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

In the News

MSNBC, August 16, 2006:
Plan boosts solar system to 12 planets

The tally of planets in our solar system would jump instantly to a dozen under a highly controversial new definition proposed by the International Astronomical Union.

Eventually, there would be hundreds of planets, as more round objects are found beyond Neptune.

The proposal, which sources tell Space.com is gaining broad support, tries to plug a big gap in astronomy textbooks, which have never had a formal definition for the word "planet." It addresses discoveries of Pluto-sized worlds that have in recent years pitched astronomers into heated debates over terminology.

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Announcements

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Back in May, Machine Shop Supervisor Louis Ramirez entered these photographs in Batavia's Chamber of Commerce photography contest and won. "I was thrilled to have two of my pictures selected," said Ramirez. Out of a total of 800 entries, 29 photos were chosen to be displayed around the city. A 2 x 3-foot print of "Winter Scene of Island Park" is in front of the Family Insurance Group on East State Street and "Fishing with Dad" is in front of the Reilly Drug on West State Street until October 1.

Blood drive

Mark your calendars; Fermilab's blood drive will be held on August 28 and 29 from 8:00 a.m. to 2:00 p.m. On August 28, the drive will be held in Wilson Hall's ground floor NE training room. On August 29, the drive will be held in the Industrial Center Building east ground floor (follow the signs). Appointments can be scheduled [on the web](#) or by calling Margie at x3411 or Lori x6615.

[Upcoming Activities](#)