

Tuesday, Aug. 28, 2007

Seminars

Submit seminar listings to
seminars@anl.gov.

Mathematics and Computer Science Division Seminar:
"PerfOMP: A Runtime Performance/Event Monitoring Interface for OpenMP" by Van Thi Bui, University of Houston. 10:30 a.m., Building 221, Conference Room A216.

Physics Division Medium Energy Physics Seminar:
"Search for Variation of the Fine Structure Constant with Trapped Ions" by Li-Bang Wang, Los Alamos National Laboratory. 11 a.m., Building 203, Conference Room R150.

Chemistry Division Seminar:
"Cluster-Based Nanoelectronic Devices" by Simon Brown, University of Canterbury, New Zealand. 11 a.m., Building 200, Conference Room J183.

High Energy Physics Division Theoretical Physics Seminar:
"Heavy Quarkonium Hadroproduction" by Pierre Artoisenet, Université Catholique de Louvain, Belgium. 1:30 p.m., Building 362, Conference Room E188.

Wednesday, Aug. 29

There are no seminars scheduled for Wednesday, Aug. 29.

Working safely

Computer Ergonomics -
Remember the following tips when working at a computer workstation:

Around the lab



Thomas Wellner (ES), at right, shows Illinois Congresswoman Judy Biggert and Laboratory Director Robert Rosner the hydrogen storage tank of the BMW 7-series sedan that will be on display at the Green Transportation Event Friday, Aug. 31.

Employees invited to see hydrogen-powered BMWs at Green Transportation Event

All Argonne, U.S. Department of Energy and University of Chicago employees are invited to participate in a green transportation event featuring BMW's hydrogen-fueled 7-Series sedans Friday, Aug. 31.

The event will highlight:

- Argonne's research on advanced transportation technologies, including hybrids, plug-in hybrids, hydrogen and clean diesel vehicles.
- Argonne's advanced technology test vehicles. Vehicles will be available for people to examine and discuss with Argonne Transportation Technology Research and Development Center staff.
- BMW's breakthrough in the hydrogen-fueled internal combustion engine. A hydrogen-fueled BMW will be on display.
- BMW's mobile hydrogen refueling facility, which is now in the Building 360 parking lot.

There will be three sessions in the 360 parking lot: 11 a.m., noon and 1 p.m. Refreshments will be served.

Participants can win a chance to drive a BMW hydrogen-fueled vehicle. To enter, drop a completed entry card or business card in the bowl after arriving at the event. Drawings will be held at 11:15 a.m., 12:15 p.m., and 1:15 p.m. Winners will need to have a valid driver's license to drive the BMW Hydrogen-7.

BMW is demonstrating a fleet of 10 Hydrogen-7 cars at The BMW Championship at Cog Hill Golf and Country Club Sept. 3-9. The laboratory provides a safe, secure location for a temporary



R&D 100 Award

Yesterday's *Argonne Today* contained an incorrect link to an article about Passive Millimeter-Wave Spectroscopy, one of three technologies developed by Argonne researchers selected as one of the world's top 100 scientific and technological innovations during 2006, as judged by *R&D* magazine. [Here is the correct link](#). The team that developed the technology includes, from left to right, Sami Gopalsami, Tom Elmer, Paul Raptis and Sasan Bakhtiari (all NE).

Hispanic Engineering Organization Honors Two Argonne Researchers

Two researchers from Argonne won coveted 2007 achievement awards from the [Hispanic Engineer National Achievement Award Corporation](#) (HENAAC).

Juan Carlos Campuzano, an [Argonne Distinguished Fellow](#), was named a recipient of an Outstanding Technical Achievement Award and Monica C. Regalbuto, head of Argonne's [Process Chemistry and Engineering Department](#), won a Professional Achievement Award.

The HENAAC Awards, presented annually for the past 18 years, recognize some of the nation's top engineers, scientists and technologists of Hispanic heritage. The winners are selected, in part, based on their professional accomplishments and potential as a role model for young people in the Hispanic community.

Campuzano, Regalbuto and other 2007 award winners will be honored at the 19th annual HENAAC conference, to be held Oct. 11-13 in San Diego.



Campuzano

Campuzano, who works in the [Synchrotron Radiation Studies](#) Group in the laboratory's [Materials Science Division](#), is credited with landmark advances in the field of high temperature superconductivity.

Additional information

- Arrange your chair and/or keyboard so your upper arms are perpendicular to the floor, your forearms are parallel to the floor, your wrists are straight and your fingers are relaxed.

- Keep the monitor and input devices directly in front of you.

- Place your monitor approximately an arm's length away from you with the top of the monitor at about the height of the bridge of your nose. (Bifocal and trifocal users should have the monitor lower to accommodate the viewing angle of their lenses).

- Refocus your eyes every 20 minutes on an object more than 20 feet away.

- When moving your mouse use your whole arm, not just the wrist and elbow.

- Your keyboard should remain flat or tilted slightly away from you (15 degrees or less.)

- Position the mouse as close to you as possible to avoid extended reaches.

- Try to maintain the natural "S" curve of your spine.

- Sit back in your chair with your lower back supported firmly by the backrest.

- Adjust your chair to shift your position from time to time to avoid fatigue.

- Avoid contact with your wrists and/or forearms on the hard surface of the desk by using gel wrist rests.

- Keep your work area free of clutter and commonly used items close at hand.

Safety topics

[Daily reports on significant safety occurrences in the DOE system.](#)

- [Web version of Argonne Today](#)
- [Recent back issues](#)
- [Submit news tips](#)
- [Submit seminars](#)

safe, secure location for a temporary hydrogen refueling station.

Argonne's Transportation Technology Research and Development Center plays a major role in the U.S. Department of Energy's efforts to end our nation's reliance on the petroleum economy and establish greater energy security. The center's research is at the forefront of the nation's efforts to develop and advance more energy-efficiency and environmentally friendly vehicle and fuel technologies.

L'Oreal accepting applications for 2008 Fellowships for Women in Science Program

Now in its fifth year, the L'Oreal Fellowships for Women Program aims to annually recognize, reward and support five female postdoctoral researchers in the United States who are pursuing careers in the life and physical/material sciences, as well as mathematics, engineering and computer science. L'Oréal USA awards each recipient \$40,000 to apply toward her postdoctoral research.

The five beneficiaries will be invited to attend a week of events in New York City that include an awards ceremony, professional development workshops, media training and networking opportunities. In 2008 these workshops, which are facilitated by the American Association for the Advancement of Science, will encompass job search techniques, interviewing skills, budget development for grant requests and strategies for peer-reviewed publication.

The L'Oréal USA Fellowships for Women in Science program is open to women postdoctoral researchers only. Candidates interested in applying may visit the L'Oréal USA Fellowships for Women in Science [Web site](#) to obtain more information about program eligibility and requirements. All applications must be postmarked by Oct. 31.

Hispanic-Latino Club to hold social event

The Hispanic-Latino Club will hold its next social event tomorrow from 11:30 a.m. to 12:30 p.m. in Building 212, Conference Room A157. Mariana Varotto will host a presentation on Argentina. Argentinean empanadas, baked or fried pastries with savory fillings, will be available for purchase. Three empanadas, one chicken, one beef and one ham and cheese, will cost \$5. Argentinean desserts will be prepared by Varotto, and drinks will be provided by the club. RSVP to [Jessica Herrera](#) by 3 p.m., today. Payment will be collected at the event.

Additional information about Campuzano and his work is available [online](#).



Regalbuto

As head of the Process Chemistry and Engineering Department, Regalbuto leads approximately 30 scientists, engineers and support staff in the development of technologies for the recycling and safe disposal of spent nuclear fuel.

More information about the work being done by Regalbuto and her team at Argonne on spent nuclear fuel can be found [online](#).

[More >>](#)



Jellinek

Argonne scientist to give plenary talk at Royal Society of Chemistry meeting on nanoalloys

Julius Jellinek, a senior scientist at the U.S. Department of Energy's Argonne National Laboratory, will deliver

the plenary talk of the Faraday Discussion Meeting 138 on Nanoalloys: From Theory to Application, to be held Sep. 3-5 at the [University of Birmingham](#) in the United Kingdom.

The [Faraday Discussions](#) are organized by the [Royal Society of Chemistry](#) and historically have been of enormous influence in reviewing the current status and shaping new directions in various areas of physical chemistry, chemical physics and bordering disciplines.

In his talk "Nanoalloys: Tuning Structural, Electronic, and Thermal Properties through Size and Composition," Jellinek will review the status of the field and will discuss some of the pioneering work he and his collaborators performed at Argonne. His talk will be followed by 24 reports from universities and research centers around the world and their extensive discussions. The proceedings of the meeting will appear as a volume in the series of Faraday Discussions published by the Royal Society of Chemistry. More details on the meeting can be found [online](#).

[More >>](#)

EQO to present grand opening of ergonomic cubicle

EQO will open its ergonomic cubicle today from 11:30 a.m. to 2 p.m. in Building 201 on the first floor near the Medical Department. Visitors can speak with an ergonomic specialist on any concerns about workstations, try new products available to make a workstation safe and efficient, including chairs, monitor arms, keyboards, keyboard trays, mice and more. There will be drawings to win ergonomic products at noon, 1 p.m. and 2 p.m.

Lunch menus

401 Grill

The [401 Grill menu](#) is online.

Hours: Monday through Friday:
Lunch 11 a.m. to 2 p.m., dinner
4:30 to 9 p.m.
Saturday and Sunday: 11:30
a.m. to 7 p.m.

Gift shop

The Gift Shop located in the Building 213 Cafeteria next to the cash registers offers clothing and other items with the Argonne logo, sundries and greeting cards for all occasions. The store is open from 7 a.m. to 2 p.m. Visa and MasterCard are accepted.

Building 201 Coffee Shop

The Building 201 Coffee Shop
hours: Monday through Friday
7 a.m. to 11 a.m. and 1 p.m. to
2:30 p.m.

Building 213 Cafeteria

[The weekly menu](#) is online.

Breakfast grill

Two for Tuesday: Two eggs, two bacon or
sausage and two toast - \$2.22
... Add a 12 oz Intelligentsia coffee and
Hash browns - \$3.72
*The breakfast grill is open until 9 a.m.
Breakfast items like sweet rolls, cereal,
muffins, yogurt, coffee and juices are
available until 10:30 a.m.*

Soups and chili

Asparagus soup (v) or chicken gumbo
small - \$1.53, large - \$2.09
Black bean and turkey chili
small - \$1.78, large - \$2.31

Entree feature

Market bistro: Carved-to-order corned beef
with choice of two side dishes or beef
stroganoff over egg noodles with choice of
one side dish - \$6.25

Chef's special

Asian bowls
Beef chicken or tofu with fresh broccoli and
peanut sauce served over basmati rice or
noodles - \$6.07

Luncheon broiler

Chicken Caesar sandwich on grilled
sourdough with roasted red peppers - \$4.25
... Add French fries and coleslaw - \$5.75
Grilled white fish and vegetables - \$5.75

Healthy choice

Thai beef and cabbage salad (cal. 459, fat
22g/43 percent, chol. 10mg) - \$4.75

The budget special

Stromboli with roasted red peppers and
spinach or sausage
Includes a 16oz fountain soda - \$4.11

*Building 213 Cafeteria hours: 7 a.m. to 10:30
a.m., and 11:15 a.m. to 1:30 p.m.*

Guest House Restaurant

Soup du jour - \$2.95

Entrees

Rib-eye steak: Coffee and chiptole crusted
rib-eye steak with pommes frites - \$9

Shrimp pasta: Angel hair pasta and gulf
shrimp tossed with asparagus, mushrooms and
tomatoes in a light white wine and herb broth -
\$10

Sauteed catfish: Sauteed filet of farm-raised
catfish marinated in buttermilk and accented
with yellow tomato and saffron puree on
creamy chive grits and sauteed spinach - \$8

Hot smoked salmon salad: Hot smoked
salmon tossed with greens, cucumbers and
tomatoes mixed with a white balsamic and
mustard dressing - \$8

Cheeseburger: Topped with cheddar cheese
and served with lettuce tomato pickle and
waffle fries - \$6

Guest club wrapper: Grilled breast of chicken
tossed with bacon, lettuce and tomatoes rolled
in a flavor tortilla and accompanied with terra
chips - \$5.95

Soup and half sandwich: A cup of warm soups
with a half deli sandwich. Choice of turkey,
ham or roast beef with swiss cheddar or
provolone cheese - \$6

Caesar salad: Entree - \$5, with chicken - \$6,
with smoked salmon \$7

Luncheon hours are 11 a.m. to 1:30 p.m.

Argonne Today is published daily by Communications & Public Affairs. The editor is [Dave Jacqué](#). Please do not reply to this e-mail. Send comments, suggestions and news to info@anl.gov.