

Argonne logo

# Argonne Today

Monday, Aug. 27, 2007

## Seminars

Submit seminar listings to [seminars@anl.gov](mailto:seminars@anl.gov).

Materials Science Division Informal Seminar: "**Novel Transport Properties of Electron-Doped Superconductors Pr<sub>2-x</sub>Ce<sub>x</sub>CuO<sub>4</sub>**" by Pengcheng Li, University of Maryland, College Park. 11 a.m., Building 223, Conference Room S105.

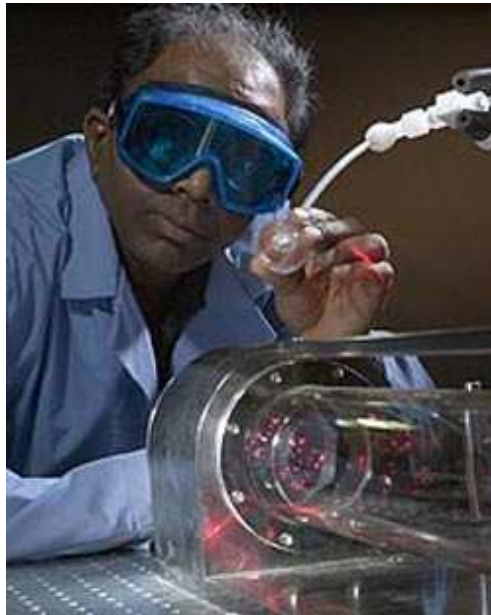
## Tuesday, Aug. 28

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.,

## Science update



*Sami Gopalsami, one of the Argonne scientists who developed Passive Millimeter-Wave Spectroscopy.*

### Award-winning technology could be used in war on terror

Passive Millimeter-Wave Spectroscopy (PmmWS) was 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.

Passive millimeter-wave spectroscopy provides a new and potentially vital tool for fighting the war on terror. Traditional chemical gas detectors operate by transmitting a signal and then processing the reflected response. PmmWS works similarly to an infrared camera: It emits no signal, but merely captures emitted radiation from a gas plume.

Using their spectroscope, the

### Employees are required to wear badges at all times

Argonne Security reminds employees that all employees and visitors must wear badges or passes so they are clearly visible while on the Argonne site.

Anyone not wearing a badge should be politely challenged to determine whether or not they belong on the site. Security may be asked to perform the check. To report suspicious persons, call ext. 2-5737.



*Employees are invited to see BMW's hydrogen-fueled 7-series sedan and other advanced vehicles at a 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 feature:

- Argonne's research on advanced transportation technologies, including hybrids, plug-in hybrids, hydrogen and clean diesel vehicles.

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.

researchers were able to detect nitric oxide releases from the Nevada test site at a concentration of around one part per thousand from a distance of 600 meters, with a potential for tenfold increase in sensitivity. No previous attempt at detecting terrestrial chemical gases had surpassed this measure of performance and with less susceptibility to cloud and other atmospheric interference. Nitric oxide is a common byproduct of nuclear fuel reprocessing operations.

[More >>](#)

## Working safely

**Poisonous plants** - Toxic plants can grow in backyards, wooded areas, forest preserves and even in homes. Some toxic plants of concern in Illinois are poison ivy, poison oak, oxeye daisy, jimson weed and black nightshade. To avoid poisoning:

- Never assume a plant is non-toxic because birds eat it. Plants that are safe for birds can be dangerous to humans.
- Teach children never to put berries or any plants in their mouths unless told it is safe.
- Do not touch plants that are toxic or resemble toxic plants.

Plants that are safe for humans can be toxic to pets. A list of these can be viewed [online](#).

For a comprehensive list

## Around the lab

### Ergonomic cubicle's grand opening is today

Stop by the newly opened EQO ergonomic workstation in Building 201, first floor, Aisle B from 11:30 a.m. - 2 p.m. on Tuesday, Aug. 28, and learn how to make workstations and chairs provide the most benefit. During this event employees will be able to:

- Speak with an ergonomic specialist about concerns with workstations.
- Try new products that are available to make workstations safe and more efficient (chairs, monitor arms, keyboards, keyboard trays, mice and more).
- Enter for a chance to win ergonomic products. Drawings will be held at noon, 1 and 2 p.m.

### Hispanic-Latino Club to hold social event

The Hispanic-Latino Club will hold its next social event Wednesday, Aug. 29, 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

- 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 7 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 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.

### Regular exercise can help improve your mood

Can a few laps around the block solve

emotional problems? Probably not, but a regular exercise program might help. A review of studies stretching back to 1981 concluded that regular exercise can improve the mood of people with mild to moderate depression. It also might play a supporting role in treating severe depression.

The Argonne exercise club meets Monday through Friday at 11:45 a.m. in Building 200, Room K131. [Click here](#) to see the August schedule.

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## 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

### Building 213 Cafeteria

[The weekly menu](#) is online.

#### Breakfast grill

Bacon, tomato, three cheese and egg quesadilla - \$3.75

... Add hash browns and a 12oz

Intelligentsia coffee - \$5.25

*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

Artichoke chowder (v) or turkey noodle soup - small \$1.53, large \$2.09

Black bean and turkey chili - small \$1.78, large \$2.31

#### Entree feature

Market bistro

Carved to order top round or sweet and sour chicken

Served With Two Side Dishes - \$6.25

### Guest House Restaurant

**Soup du jour** - \$2.95

#### Entrees

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

*BBQ beef or pork warpper:* BBQ beef or pork simmered in a spicy BBQ sauce and rolled in a soft tortilla and served with terra chips - \$7

*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:* Hot smoked

a.m. and 1 p.m. to 2:30 p.m.

**Chef's special**

Saguaro's

Beef fajita served over house-made flatbread and served with guacamole, sour cream and salsa - \$6.07

**Luncheon broiler**

Buffalo chicken, red onion and bleu cheese served on a Kaiser roll - \$4.25

... add fries and coleslaw - \$5.75

Catch of the day and fresh vegetables - \$5.75

**Healthy choice**

Baked couscous casserole with squash and fresh herbs (cal. 161, fat 5.6g/31 percent, chol. 9mg) - \$4.75

**The budget special**

Chicken quesadilla

Includes a 16oz fountain soda - \$4.11

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

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](mailto:info@anl.gov).