

A VISITOR'S GUIDE TO ARGONNE NATIONAL LABORATORY

National School on Neutron and X-ray Scattering

June 11-17, 2011 - Oak Ridge National Laboratory

June 18-25, 2011 - Argonne National Laboratory



**U.S. DEPARTMENT OF
ENERGY**

Argonne National Laboratory is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC

Argonne National Laboratory, one of the U.S. Department of Energy's oldest and largest national laboratories for science and engineering research, employs roughly 2,900 employees, including about 1,000 scientists and engineers, three-quarters of whom hold doctoral degrees. Argonne's annual operating budget of around \$630 million supports upwards of 200 research projects, which are broadly described below. Since 1990, Argonne has worked with more than 600 companies and numerous federal agencies and other organizations.

Argonne's mission is to apply a unique mix of world-class science, engineering and user facilities to deliver innovative research and technologies. We create new knowledge that addresses the most important scientific and societal needs of our nation.

We actively seek opportunities to work with industry to transfer our technologies to the marketplace through licensing, joint research and many other collaborative relationships.

Argonne is dedicated to protecting our employees, guests and neighbors in all our activities. Every employee, visitor, facility user and research collaborator is expected to put safety above all other concerns. No job is important enough to compromise safety.

Argonne is managed by UChicago Argonne, LLC, for the U.S. Department of Energy's Office of Science. Argonne is located on 1,500 acres (6.9 sq. km.) in southwest DuPage County, IL., 25 miles (40 km) southwest of Chicago, just off Interstate 55; the site is completely encircled by the Waterfall Glen Forest Preserve.

Argonne National Laboratory's Quality Management System is ISO 9001:2000 certified.

Research at Argonne centers around three principal areas:

Energy

Energy Storage: Argonne develops transformational energy storage systems that enable and enhance electric-drive vehicles and a green-energy grid through electrical energy storage development, prototype and manufacturing process engineering, stationary storage and grid management, and electric transportation systems.

Alternative Energy and Efficiency: Argonne is developing the next generation of alternative energy sources to promote energy independence through improved chemical fuels, advanced biofuels, and solar energy systems, as well as through the optimization of fuel and engine dynamics.

Nuclear Energy: Argonne develops advanced reactor and fuel cycle systems - including fast reactor and fuel cycle technologies, advanced modeling and simulation methods, and innovative nuclear energy systems - to enable the safe and sustainable generation of nuclear energy.

Biological and Environmental Systems

Argonne produces integrated molecular-scale, hydrological, economic and social computational models to enable regionally focused ecological and climate assessments through metagenome analysis, protein discovery, regional climate prediction and integrated climate, energy and economic discovery.

National Security

Argonne provides critical security technologies that prevent and mitigate events with potential for mass disruption or destruction through the nonproliferation and forensics of weapons of mass destruction, decision sciences, new sensors and materials, and cyber security.

Scientific User Facilities

Argonne scientists and engineers carry out both fundamental and applied scientific projects and maintain a number of large scientific user facilities that enhance research, especially projects that use hard X-rays and advanced computers. Our user facilities include:

Advanced Photon Source (APS)

Center for Nanoscale Materials (CNM)

Argonne Tandem-Linac Accelerator System (ATLAS)

Electron Microscopy Center (EMC)

Argonne Leadership Computing Facility (ALCF)

Transportation Research and Analysis Computing Center (TRACC)

Atmospheric Radiation Measurement Climate Research Facility (ARM)

DIRECTIONS TO ARGONNE NATIONAL LABORATORY

For directions to Argonne National Laboratory and a map of the Argonne site, please visit website www.anl.gov and click on Visiting Argonne.

SCHOOL ADMINISTRATION OFFICE

The school's administration office is located in the Argonne Division of Educational Programs, Building 223, Room M-125. Calls and messages for school participants will be received during school hours by telephone (630) 252-4114, by fax (630) 252-3193, or by Email at nxschool@dep.anl.gov. School participants who may have mail sent to them during their stay at Argonne should have it sent to them in care of the National School on Neutron and X-ray Scattering, Argonne National Laboratory, Division of Educational Programs - Building 223, 9700 South Cass Avenue, Argonne, IL 60439.

MEETING LOCATIONS

During the period, June 20-25, 2011, the School lectures will be conducted in Advanced Photon Source (APS) Building 401, Auditorium.

TELEPHONE

The Laboratory's general telephone number is 630-252-2000 during regular work hours. After hours, please call 630-252-5731. Visitors who stay at the Argonne Guest House are strongly encouraged to bring a telephone calling card with them since the Argonne Guest House charges an additional amount on all outgoing calls.

FOOD SERVICES

Argonne Cafeteria, Building 213

Open Monday through Friday (except holidays) from 7:00 a.m. to 9:00 a.m. (breakfast) and 11:15 a.m. to 1:30 p.m. (lunch).

401 Grill

The 401 Grill serves a variety of sandwiches, soups, salads, and beverages. It is located on the ground level of the Advanced Photon Source (APS) Conference Center, follow the 401 Grill signs west of the APS Auditorium. Hours are Monday through Friday 11:00 a.m. to 2:00 p.m. and 4:30 p.m. to 9:00 p.m. Saturday and Sunday 11:00 a.m. to 7:00 p.m.

Argonne Guest House Restaurant, Building 460

Open Monday through Friday from 6:45 a.m. to 8:30 a.m. for breakfast buffet, 11:00 a.m. to 1:30 p.m. wait-service lunch, and 5:30 p.m. to 8:30 p.m. wait-service dinner. On Saturday and Sunday, the restaurant is only open from 7:00 a.m. to 11:00 a.m. for breakfast.

EMERGENCY/NON-EMERGENCY INFORMATION

If you need emergency assistance, **DIAL 9-1-1** on any Laboratory telephone. If you are using a cellular telephone, you must call **630-252-1911**. The Fire Alarm Operator will question you to obtain information needed by emergency responders.

For non-emergency assistance, call the Fire Department at extension 2-6131.

Medical assistance can also be obtained by contacting one of the following hospitals.

Edward Hospital Naperville

Telephone: 630-355-0450

Adventist Hinsdale Hospital

Telephone: 630-856-9000

Adventist Bolingbrook Hospital

Telephone: 630-226-8100

Advocate Good Samaritan Hospital Downers Grove

Telephone: 630-275-5900

Adventist La Grange Memorial Hospital

Telephone: 708-352-1200

ARGONNE RESEARCH LIBRARY

The library is located on the fifth and seventh floors of the Theory and Computing Sciences Building 240. The main reference desk and all books are located on the 5th floor. Journals are housed on the 7th floor. The building is currently open 6 a.m. to 6 p.m. weekdays. The library is always open for self-service use, and is usually staffed weekdays 8:30 a.m. to 5 p.m.

LIMOUSINE SERVICES

The limousine service rates listed below are based on a one-way trip from O'Hare International Airport or Midway Airport to Argonne National Laboratory. **Please be advised that these rates vary according to time and day of pick up. When you make a limousine reservation, please have them quote you a rate.** Rates quoted May 2011.

| | <u>O'Hare</u> | <u>Midway</u> |
|---|-----------------------------------|-----------------------------------|
| <i>A-1 Airport Limousine Service</i> | \$44.00 plus gratuity/shared | \$49.00 plus gratuity/shared |
| 630-833-3788 | \$64.00 plus gratuity/private car | \$69.00 plus gratuity/private car |
| 800-354-5849 (Telephone number to call for pickup from baggage claim at either O'Hare or Midway Airport.) | | |
| <i>United Limousine Service</i> | \$36.94 includes gratuity | \$54.79 includes gratuity |
| 630-969-3865 | (each additional person \$10.00) | (each additional person \$10.00) |
| 800-331-9037 (Illinois and out-of-state) | | |

AUTOMOBILE RENTAL

Avis Rent-A-Car

O'Hare 773-825-4600
Midway 773-284-3640
Worldwide 800-331-1212

Enterprise Rent-A-Car

Worldwide 800-325-8007

Thrifty Car Rental

O'Hare 847-928-2000
Worldwide 800-367-2277

Hertz Rent-A-Car

Worldwide 800-654-3131

Dollar Rent-A-Car

O'Hare 866-434-2226
Midway 866-434-2226
Worldwide 800-800-4000

National Car Rental

Worldwide 800-227-3876

TAXI SERVICE

One-way taxi fares from either O'Hare International Airport or Midway Airport to Argonne National Laboratory may be well in excess of \$50! Please be cautious.

TRAIN SERVICE

Metra Web Site: www.metrarail.com

LODGING FACILITIES IN THE VICINITY OF ARGONNE NATIONAL LABORATORY

Argonne Guest House

(Managed by Sodexho)
Argonne National Laboratory
9700 South Cass Avenue - Building 460
Argonne, IL 60439
Reservations: (800) 632-8990 or (630) 739-6000
Fax: (630) 739-1000
Email: argonne-guest-house@anl.gov
www.anlgh.org

La Quinta Inn Chicago-Willowbrook

(Interstate 55 and Route 83)
855 79th Street
Willowbrook, IL 60527
(630) 654-0077
www.lq.com

Extended Stay America

2345 Sokol Court
Darien, IL 60561
(630) 985-4708
www.extstay.com

Red Roof Inn Chicago-Willowbrook

7535 Kingery Highway/State Route 83
Willowbrook, IL 60527
(630) 323-8811
www.redroof.com

Holiday Inn Chicago-Willowbrook-Hinsdale

(Interstate 55 and Route 83)
7800 South Kingery Highway
Willowbrook, IL 60527
(630) 325-6400
www.holiday-inn.com/chi-hinsdale

Super 8 Willowbrook

(Interstate 55 and Route 83)
820 West 79th Street
Willowbrook, IL 60527
(630) 789-6300
www.super8.com