

The **FUTURE** of America is the
RESEARCH of **TODAY**



NATIONAL
USER
FACILITY
ORGANIZATION



NUFO Web Site: Resource for Users

Susan White-DePace
June 10-12, 2008

BROOKHAVEN
NATIONAL LABORATORY

a passion for discovery



Overview on How we Operate

- User Administrator and User Organization Representative Roles
- New Members
- NUFO list servers
- NUFO web pages www.nufo.org

*Web page and list servers are funded by Brookhaven Science Associates and managed by S. White-DePace.

User Administrator and User Organization Representative Roles

- Inform info@nufo.org of changes in representatives
- Role in spreading word about NUFO
 - Users
 - Colleagues
 - Facility management
 - Lab management
- Assist in disseminating information
- Assist in collecting information
- Outreach contacts always needed

New Members to NUFO

- New User Organization Reps and User Administrators
 - Receive letter from Steering Committee introducing NUFO
 - NUFO News, web page, list servers, Annual Meetings
 - Representatives are added to web page and list servers
- New General Members
 - Check with User Administrators for appropriateness
 - Need to address in Charter
- New Outreach Members
 - Need to be recommended by a member
 - Receive letter from NUFO

NUFO List Servers

- Unmoderated lists
 - nufo-user-administrators@googlegroups.com
 - nufo-uec-chairs@googlegroups.com
 - nufo-steering-comm@googlegroups.com

- Moderated lists
 - nufo-general-members@googlegroups.com
 - nufo-outreach@googlegroups.com

NUFO Business Information

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NEWS

May 2009

Message from the NUFO Steering Committee

The NUFO Steering Committee has been working hard on plans for our Annual Users' Meeting Industrial Workshop Facility Exhibition, user statistics, and a NUFO brochure. The following information summarizes what we've done last newsletter.

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CHARTER

Mission

The National User Facility Organization (NUFO) represents the interests of all users who conduct research at U.S. scientific user facilities, as well as scientists from U.S. universities, laboratories, and industry who use facilities in the United States. NUFO facilitates communication among users, user organizations, facility administrators, and other stakeholders. Discussion topics include the benefits and significance of research conducted at user facilities, as well as operational needs. NUFO seeks to provide a unified message at the national level on issues of resources for scientific research, economic competitiveness, and education for the next-generation scientific workforce.

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MEETINGS

Mark your calendars: The next National User Facility Organization (NUFO) meeting will be held at Argonne National Laboratory on June 11-12, 2009. Register for the meeting at:

http://www.aps.anl.gov/Users/NUFO/2009_Meeting/registration.htm

Argonne National Laboratory is one of the U.S. Department of Energy's largest research centers. It is also the nation's largest national laboratory, chartered in 1946. Argonne National Laboratory occupies 1,500 wooded acres in DuPage County, about 25 miles southwest of Chicago. Argonne designs, builds, operates and manages many outstanding scientific and engineering research facilities. Among them are:

Membership

- General Members
- Steering Committee
- User Administrators
- User Representatives

- Each user facility can have two voting members
 - User Administrator
 - User Organization Representatives
- General Membership
 - Ex-User Organization Representatives
 - Individuals that have requested to be member
- Steering Committee
 - 3 User Organization Representatives (3-year term)
 - 3 User Administrators (3-year term)
 - 3 appointed members (1-year term).

User Representatives

USER REPRESENTATIVES

Name	Affiliation	Facility	Location	Phone
Raman Anantaraman	Michigan State University	National Superconducting Cyclotron Laboratory (NSCL)	East Lansing, MI	517-355-9672x337
Richard Averitt	Boston University	Center for Integrated Nanotechnologies (CINT)	Sandia/LANL	617-353-2619
Gerard Bonneaud	Ecole Polytechnique	SLAC National Accelerator Laboratory	Stanford	33-1-6933-5536
Mike Crawford	Dupont Company	Spallation Neutron Source (SNS)	ORNL	

Facility Information

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NUFO FACILITIES

Facility	Location
Accelerator Test Facility (ATF)	BNL
Advanced Light Source (ALS)	LBL
Advanced Photon Source (APS)	ANL
Advanced Test Reactor (ATR)	INL
Alternating Gradient Synchrotron (AGS)	BNL

SCIENTIFIC ACCOMPLISHMENTS

- Advanced Light Source (ALS)
- Advanced Photon Source (APS)
- Atmospheric Radiation Measurement Climate Research (ACRF)
- Center for Advanced Microstructures and Devices (CAMD)
- Center for Functional Nanomaterials (CFN)
- Center for Integrated Nanotechnologies (CINT)
- Center for Nanophase Materials Sciences (CNMS)
- Center for Nanoscale Materials (CNM)
- Cornell High Energy Synchrotron Source (CHESS)
- Fermilab

FACTS

The Relativistic Heavy Ion Collider



The Relativistic Heavy Ion Collider (RHIC) A Premier Facility for Nuclear Physics Research

Purpose:
To study the fundamental properties of matter from elementary atomic particles to the evolution of the universe

Sponsor:
U.S. Department of Energy's Nuclear Physics Division

Total Project Cost:
\$1.1 billion

Operating Costs:
\$130 million per year

Features:

- Two crisscrossing rings in a tunnel 2.4 miles in circumference
- 1,740 superconducting magnets
- Four experiments: BRAHMS, PHENIX, PHOBOS and STAR

The Relativistic Heavy Ion Collider (RHIC) is the world's newest facility for basic research in frontier nuclear physics. It is designed to study matter as it existed fractions of a second after the birth of the universe — probably as a plasma of quarks and gluons, the fundamental components of all matter.



RHIC's chain of accelerators.

The key to new discoveries in this field is to accelerate heavy ions (atoms of heavy elements stripped of their electrons) and

at Brookhaven Lab. Heavy ions begin their travels in the Tandem Van de Graaff accelerator. The ions then travel through a transfer line to the small, circular Booster where, with each pass, they are accelerated to higher energy. From the Booster, ions travel to the Alternating Gradient Synchrotron (AGS), which then injects the beams into the two rings of RHIC.

In RHIC, the beams get a final accelera-

OUTREACH

Outreach

- [Outreach Activities](#)
- [Guidelines for Outreach Meetings](#)
- [Outreach Contacts](#)
- [Fact Sheets](#)
- [Scientific Accomplishments](#)

NUFO OUTREACH - MEMBERSHIP

Name	Affiliation	State	Zip	Facility	Research Field	Phone
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OUTREACH ACTIVITIES

Thank You for Supporting American Recovery and Reinvestment Act of 2009

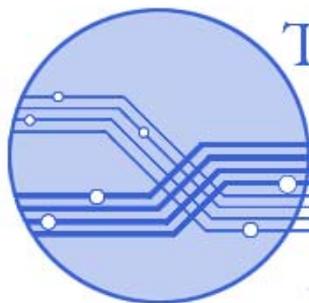
- [To Speaker Pelosi](#) - February 17, 2009

This letter was also sent to:

- To House Leadership: Anna G. Eshoo, Bart Gordon, Rush Holt, Steny Hoyer, George Miller, Alan B. M. David R. Obey, and Peter Visclosky
- To Senate Leadership: Byron Dorgan, Richard J. Durbin, Daniel K. Inouye, Edward M. Kennedy, Barb Mikulski, Harry Reid, and Arlen Specter

GUIDELINES FOR OUTREACH MEETING

Task Force on the Future of American Innovation



TASK FORCE ON THE FUTURE OF AMERICAN INNOVATION

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The Knowledge Economy: Is the United States Losing its Competitive Edge?

The *Task Force on the Future of American Innovation*, comprised of organizations from industry and academia, advocates increased federal support for research in the physical sciences and engineering.

Future Enhancements

- User Administrators Pages
 - Frequently asked questions
 - Benchmarking Results
 - Wiki Page
- Suggestions and comments are always welcome

info@nufo.org