

What Can NUFO Do For You

Benefits of Communication, Outreach and Shared Information

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NUFO Meeting
June 7-9, 2010



NATIONAL
USER
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ORGANIZATION



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What is NUFO?

www.nufo.org



The National User Facility Organization (NUFO) was founded in 1990 and currently represents the interests of all users who conduct research at U.S. national scientific user facilities, as well as scientists from U.S. universities, laboratories, and industry who use facilities outside 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 their operational needs. NUFO seeks to provide a unified message at the national level on issues of resources for science, economic competitiveness, and education for the next-generation scientific workforce.

If you wish to contact a member of the NUFO Steering Committee please [click here](#)

NUFO represents the interests of university, laboratory, and industry scientists who conduct research at U.S. national scientific user facilities as well as facilities outside the U.S.

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Who is NUFO?



YOU are NUFO!

NUFO invites administrative and user science representatives from national user facilities to work together to facilitate shared information, identify best practices and address areas of common interest.

Thank you for being here to learn about and get more involved in NUFO activities.

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
Argonne Tandem Linac Accelerator System (ATLAS)	ANL
Atmospheric Radiation Measurement Climate Research (ACRF)	Global Network
Center for Advanced Microstructures and Devices (CAMD)	LSU
Center for Functional Nanomaterials (CFN)	BNL
Center for Integrated Nanotechnologies (CINT)	Sandia/LANL
Center for Nanophase Materials Sciences (CNMS)	ORNL
Center for Nanoscale Materials (CNM)	ANL
Cornell High Energy Synchrotron Source (CHESS)	Cornell
Fermilab	FERMI
High Flux Isotope Reactor (HFIR)	ORNL
High Temperature Materials Laboratory (HTML)	ORNL
Holifield Radioactive Ion Beam Facility (HRIBF)	ORNL
Large Hadron Collider (LHC)	CERN, Switzerland
Linac Coherent Light Source (LCLS)	Stanford
Los Alamos Neutron Science Center (LANSCE)	LANL
NASA Space Radiation Laboratory (NSRL)	BNL
National Astronomy and Ionosphere Center (NAIC)	Puerto Rico
National Center for Electron Microscopy (NCEM)	LBL
National Energy Research Scientific Computing Center	LBL
National Optical Astronomy Observatory (NOAO)	Tucson, AZ
National Radio Astronomy Observatory (NRAO)	Charlottesville, VA
National Superconducting Cyclotron Laboratory (NSCL)	East Lansing, MI
National Synchrotron Light Source (NSLS)	BNL
Particle Physics & Astrophysics	SLAC National Accelerator Laboratory
Relativistic Heavy Ion Collider (RHIC)	BNL
SLAC National Accelerator Laboratory	Stanford
Spallation Neutron Source (SNS)	ORNL
Stanford Synchrotron Radiation Light Source (SSRL)	Stanford
TANDEM	BNL
The Molecular Foundry	LBL
Thomas Jefferson National Accelerator Facility (JLab)	JLAB

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What Does NUFO Do?



www.nufo.org

NUFO **facilitates communication** among users, user organizations, facility administrators, and other stakeholders.

Communicates **benefits and significance of research conducted at user facilities as well as their operational needs.**

Seeks to provide a **unified message at the national level on issues of resources for science, economic competitiveness, and education for the next-generation scientific workforce.**

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How Does NUFO Facilitate Communication?

www.nufo.org

- Home
- News
- Charter
- Membership
- Facilities
- Fact Sheets
- Photos
- Meetings
- Scientific Accomplishments
- NUFO Reports
- User Administration
- NUFO Administration
- Outreach
- Contact

- Website serves as a centralized resource for news & events
- Updates on facilities
- Links to facility and user scientific accomplishments
- Meetings serve as a forum to raise awareness about issues, encourage interactions and networking
- Moderated listservers for contacting user facility administrators and user representatives

RECENT NEWS

Benchmarking: First Aid to Users

Benchmarking: Publications

Benchmarking: Proposal Call Closure

NUFO Thank You Letter to Steve Chu – April 2, 2010

NUFO on the Road

Industrial Usage Report

UPCOMING EVENTS

2010 NUFO Annual Meeting

NUFO MEMBERSHIP

- General Members
- User Administrators
- User Representatives

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How Does NUFO Facilitate Outreach?

- Promotes a unified voice and message to support science in the U.S.
- 4 Pillars
 - Economic Competitiveness
 - Fundamental Knowledge
 - Science Education
 - Scientific Achievements

OUTREACH

- Facility Fact Sheets
- Scientific Accomplishments
- NUFO Brochure
- Outreach Activities
- Guidelines for Outreach Meetings
- Outreach Contacts

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. Mollohan, David R. Obey, and Peter Visclosky
- To Senate Leadership: Byron Dorgan, Richard J. Durbin, Daniel K. Inouye, Edward M. Kennedy, Barbara Mikulski, Harry Reid, and Arlen Specter

Supporting Research and Education Provisions of the American Economic Recovery and Reinvestment Act

- To House Leadership - January 23, 2009
- To Senate Leadership - February 2, 2009

Support of Funding America Compete Act

- To House Leadership - September 22, 2008
- To Senate Leadership - September 22, 2008

Other Letters Sent

- NUFO Thank You Letter to Steve Chu - April 2, 2010
- Congratulations to Steve Chu - January 29, 2009
- NUFO Letter to President-Elect Obama - December 8, 2008

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How Does NUFO Facilitate Outreach?

- User facilities represented at national scientific meetings
 - American Physical Society (APS)/American Association of Physics Teachers (AAPT) Meeting in Washington, DC, February 12-16, 2010
 - American Physical Society Meeting in Portland, Oregon, March 15-19, 2010
- Outreach to encourage young people to consider careers in science and to develop future workforce
 - USA Science and Engineering Festival in Washington, DC, October 23-24, 2010
- Plans pending for Outreach/Education Event on Capital Hill

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How Does NUFO Facilitate Shared Information?

- Raise awareness and facilitate improvements in policies and practices
 - User agreements
 - Facility access by foreign scientists
 - Industrial access
 - Education and outreach

NUFO REPORTS

- Industrial Usage Report

- Benchmark best practices

Benchmarking Results

- First Aid to Users
- Publications
- Proposal Call Closure
- Foreign Visits & Assignments
- Shipping Policies & Procedures

Encouraging New Users

- Promote facility capabilities and opportunities for research proposals to larger audiences, such as scientific meetings and groups

– www.lightsources.org



User Proposal Deadlines

Please make sure to confirm the deadlines with the originating facility. [Click here](#) for a list of deadlines by facility.

2010

JUNE

- June 1 [FELIX - Free Electron Laser for Infrared eXperiments](#), The Netherlands (for the period between September 2010 and February 2011)
- June 1 [LCLS - The Linac Coherent Light Source](#), USA (for the period between March 2011 and July 2011)
- June 1 [SSRL - Stanford Synchrotron Radiation Lightsource](#), USA (Xray/VUV proposals for beam time November 2010-2012)
- June 15 [SLS - Swiss Light Source](#), Switzerland PX beamline (for the period between September 1 and December 31, 2010)
- June 21 [AS - Australian Synchrotron](#), Australia (Round 2010/3 - for beamtime between September - December 2010)
- June 21 [NSLS-II - National Synchrotron Light Source II](#), USA (2010 beamline proposals)

JULY

- July 1 [SSRL - Stanford Synchrotron Radiation Lightsource](#), USA (Crystallography proposals for beam time November 2010-2012)
- July 9 [APS - Advanced Photon Source](#), USA (2010-3: for the period between October 10 and December 10, 2010)

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Encouraging New Users

- Review language on proposal form – is it welcoming to new or inexperienced users?
 - “Describe your synchrotron radiation experience and list your publications”

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Encouraging New Users

- Review language on proposal form – is it welcoming to new or inexperienced users?
 - “Are you new to the use of synchrotron radiation?”
 - “Would training or interaction with facility scientists related to your proposed techniques or capabilities be helpful to you or your co-proposers?”
- Encourage Proposal Review Panels to emphasize scientific merit of proposal over proven track record of proposers

What Can NUFO Do For You?

- We welcome your feedback
- Suggest topics or questions for NUFO surveys
 - What type of survey might be useful?
 - What questions do you have?
- Suggest metrics for NUFO -- How can we measure satisfaction or success?
- Is NUFO meeting your needs? If not, how can we improve?
- Contact anyone on the NUFO Steering Committee if you have other ideas for **further benchmarking**, topics to discuss at **future meetings**, new avenues for **education, outreach or user advocacy**

What Can You Do For NUFO?

- Update the NUFO contact information for your facility as these change (new UEC elections)
- Provide updated copies of your facility's fact sheet and links to most recent scientific accomplishments
- Work with your scientists to develop short 'talking points' and 'elevator talks' summarizing their research and why it is important in lay terms (establish an archive of highlights)
- Inform NUFO when you learn about new policies or practices that may impact or be of interest to users or facilities
- Respond to NUFO's calls for information or action
- Participate in NUFO's meetings, outreach and education activities

Encourage Colleagues to Participate in Events

- Plan to attend the 2011 NUFO meeting to be held at SLAC National Accelerator Laboratory, Menlo Park, California
- Let me know if you have conflicts or preferences during these tentative time frames (estimate 2-1/2 days):
 - March 14-18 (APS March Mtg 3/21-25, ACS 3/27-31)
 - May 9-20
 - July 11-29
 - August 1-26
 - November 1-10

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