

TO: Members of the Division of Nuclear Physics, APS
FROM: Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP

ACCOMPANYING THIS NEWSLETTER:

- April 2007 Invited Speaker Nomination Form



Future Deadlines

- **5 Sept 2006** — DNP06 Early Registration Deadline
- **5 Sept 2006** — DNP06 Hotel Reservations Deadline

The home page for the Division of Nuclear Physics is now available at "<http://dnp.aps.org>." Information of interest to DNP members -- current research topics, deadlines for meetings, prize nominations, forms, and useful links are provided. Each DNP Newsletter is posted, in advance of the copy sent via post. Comments and suggestions are solicited. Please send them to Thomas Glasmacher at <dnpweb@nscl.msu.edu>

1. DNP COMMITTEES

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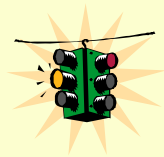
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TBA
 H. Schatz
 B. R. Barrett, grantee

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2. ACKNOWLEDGE YOUR SPONSORING AGENCY

Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. FUTURE DNP FALL MEETINGS

2007	Oct. 10-13	Newport News, VA
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The dates include the Wednesday “workshops,” which are normally held in conjunction with the DNP Fall Meetings. Holding “workshops” at the DNP Fall Meetings is a tradition that began with the 1986 Vancouver meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committees that these “workshops” should have broad appeal, with introductory pedagogical talks for the benefit of those who have come primarily for the DNP meeting but want to take the opportunity to learn about a field of specialty other than their own.

4. FUTURE APS SPRING MEETING INFORMATION

2007	April 14 – 17	Jacksonville, FL
2008	April 12 – 15	St. Louis, MO
2009	May 2-5	Denver, CO

The 2007 APS Spring Meeting will move to Jacksonville, FL. Any comments/suggestions should be sent to APS Meetings Manager, Donna Baudrau (baudrau@aps.org).

5. 2006 DNP FALL MEETING IN NASHVILLE, TN, OCTOBER 25-28, V. Green

The 2006 Fall Meeting of the Division of Nuclear Physics (DNP) will be held from Thursday, October 26th, through Saturday, October 28th at the Gaylord Opryland Resort and Convention Center in Nashville. Three topical workshops will be held in parallel the day before the meeting, Wednesday, October 25th. Meeting and workshop registration and hotel reservations are available through the conference web site at <http://www.phy.ornl.gov/dnp06/>.

Important dates

Abstract submission – July 1 (passed)
 Early registration - September 5
 Hotel reservations – September 5
 Workshops – October 25
 Meeting – October 26 - 28

Hotel

The Gaylord Opryland Resort and Convention Center is the headquarters and conference center for DNP06. The hotel and conference are located at 2800 Opryland Drive, Nashville, Tennessee, 37214-1297.

Telephone: (615) 889-1000
 Email: info@gaylordhotels.com
<http://www.gaylordhotels.com/gaylordopryland/>

Rooms are available at the special conference rate of \$140.00/ night. In addition, a limited number of student rooms are available at \$129.00 for up to 4 people per room.

The Opryland resort has accommodations, meeting rooms, several restaurants, cafes, saloons, shops, and a food court, all under one roof. Resort attractions include a fitness center, large conservatory, spa, and a golf course.

For a \$10 per day resort fee, the hotel provides in-room high speed internet, cyber café access, transportation by shuttle within the complex, newspaper delivery, bottled water, and other amenities. On-site child care programs for children 6 months through 12 years are available through La Petite Academy (615-885-1821, see www.lapetite.com).

Hotel reservations must be made through the conference web site. The deadline for room reservations at the special conference rate is September 5, 2006. Everyone registered at the conference hotel will have his or her name entered in a drawing for an ipod nano.

Registration Fees

Register by	member	non-member	Student/unemployed	workshop
Sept 5	\$175	\$350	\$95	\$50
Oct. 20	\$225	\$400	\$115	\$65
Onsite	\$275	\$450	\$130	\$80

Transportation

Flights to Nashville International Airport (BNA) are available from most cities in the U.S. In addition, Nashville is within reasonable driving distance of much of the eastern U.S. There are several ways to travel between the airport and the conference center including taxi, rental car, and the hotel shuttle (go to www.oprylandhotel.com and choose "how to get here" from the menu on the left). More information about travel to and within Nashville and about the city itself can be found at <http://www.musiccityusa.com/>.

Meeting Structure

The meeting consists of a plenary session as well as parallel, invited and contributed sessions and several minisymposia. All meeting rooms will be equipped with LCD projectors. Speakers should bring their own laptops and check operation of the equipment prior to the session.

The meeting will be preceded by three workshops to be held on Wednesday, October 25. One all-day workshop is entitled "Exotic nuclei: from the laboratory to the cosmos". The organizers are David Dean, Jeff Blackmon, Joe Hamilton, and Volker Oberacker. A second workshop runs parallel to the first and is entitled "Properties and signatures of sQGP". The third workshop, "Spin structure of the nucleon," is in the afternoon only. These latter two workshops are organized by Julia Velkovska and Charles Maguire.

The DNP Business Meeting will be held on Friday afternoon following the afternoon parallel sessions. Users' group and other satellite meetings will be held Thursday evening.

Banquet

A banquet will be held at the Gaylord Hotel Friday evening. The cost of banquet tickets is \$60.00. John Gore, Director of the Vanderbilt University Institute for Imaging Science, will give a brief talk (for more information about the Institute, see <http://www.vuiis.vanderbilt.edu/>.) The banquet will be followed by live music (see <http://www.robertswesternworld.com/brazilbilly.html>).

Undergraduate Student Program

Warren Rogers will again coordinate the Conference Experience for Undergraduates (CEU). Undergraduate students may apply for financial support through the CEU website at <http://physics.westmont.edu/ceu/>. Send inquiries to W. Rogers (rogers@westmont.edu).

Local Organizing Committee

Victoria Greene¹ (chair), David Dean² (co-chair), Jeff Blackmon², Joe Hamilton¹, Charles Maguire¹, Volker Oberacker¹, David Radford², A.V. Ramayya¹, Sait Umar¹, Julia Velkovska¹ and Glenn Young²
¹Vanderbilt University ²Oak Ridge National Laboratory

6. SESSION CHAIRS FOR THE JACKSONVILLE, FL APS SPRING MEETING

The APS/DNP Spring Meeting will be in Jacksonville, FL. Those who anticipate attending and are willing to chair a session should please send an email message to Richard Milner (DNP Program Chair) indicating: 1) willingness to serve as a session chair and 2) areas of expertise which might be of interest. The information is needed by 1 January. One may also nominate younger colleagues who will attend the meeting.

7. BOY SCOUT MERIT BADGE, H. Matis

The Boy Scouts of America have just released a new merit badge on "Nuclear Science". A description of the badge's requirements, which are a significant revision of the old Atomic Energy one, can be found at [http://www.boyscouttrail.com/boy-scouts/meritbadges/Nuclear Science](http://www.boyscouttrail.com/boy-scouts/meritbadges/Nuclear%20Science).

asp. The DNP Education Committee contacted the Boy Scouts during its revision stage and was able to suggest several changes in the requirements and in the accompanying pamphlet.

The new badge is a vast improvement over the old one, with requirements that include many of the activities we do. The pamphlet itself is an excellent introduction to our field for middle school students. Since one of the requirements can be met by visiting an accelerator or university where scientists study the properties of the nucleus, this badge provides a perfect opportunity for outreach for a university group or national laboratory.

8. NSF BROADER IMPACT CRITERION, J. Cizewski

The DNP Education Committee would like to bring to the attention of the nuclear physics community the broader impact criterion extracted from Education In Nuclear Science, A Report of the DOE/NSF Nuclear Science Advisory Committee Subcommittee on Education, 12/04.

Ensuring that research activities have an impact beyond their narrowly defined intellectual objectives is a challenging but critical component of the effort to achieve the goals of the national research program. To meet this challenge, the NSF has established a "broader impacts" criterion that takes account of the ancillary benefits of proposed research:

- How well does the activity advance discovery and understanding while promoting teaching, training, and learning?
- How well does the proposed activity broaden the participation of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)?
- To what extent will it enhance the infrastructure for research and education, such as facilities, instrumentation, networks, and partnerships?
- Will the results be disseminated broadly to enhance scientific and technological understanding?
- What may be the benefits of the proposed activity to society?

We support the broad principles reflected in this criterion. We therefore encourage the nuclear science community (and the individual scientists within it) to think broadly about the possible synergistic effects of their research and educational activities. In addition to more general activities, there are many ways in which nuclear scientists can use their education, training, and facilities—and the paradigm of the science—to contribute uniquely to the objectives embodied in this criterion. Possible activities include, but are certainly not limited to, the following:

- Nuclear science education and research aimed at the development of future scientists: postdocs, graduate students, undergraduates, and high school students and teachers. Efforts can include including career advising and successful placement of apprentice scholars.
- Mentoring of future scientists not directly related to nuclear science education and research, in particular, the mentoring of men and women within traditionally underrepresented and disadvantaged groups.
- Activities that reflect favorably on the nuclear science community or that enhance public awareness and understanding of nuclear science and energy.
- Involvement in nuclear science and technology courses and workshops outside the university and basic science communities.
- Efforts to build and sustain relationships with institutions, and their students, that serve traditionally underrepresented groups.
- Involvement in public education and outreach to schools and to the public. Examples include lectures, tours of facilities,

web page development, and collaborations with teachers in the schools.

- Contributions of techniques, expertise, and workforce to areas of national need, including homeland security, medicine, and energy.
- Research that affects other areas of science.

Several of these activities would be facilitated by implementing the recommendations above, especially the recommendation for a Center for Nuclear Science Outreach, whose goals would include public education, the broad dissemination of research results, and the development of K–12 teaching materials.

9. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

Ordering Procedure: Orders should be sent directly to: Annual Reviews, Attn: Clarette Tupper, Customer Service, 4139 El Camino Way, P. O. Box 10139, Palo Alto, CA 94303-0139 (e-mail: ctupper@annualreviews.org). DNP membership will be verified through the DNP prior to shipment of orders.

2006 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 47 - 50 are \$70/\$75 retail and \$49/\$52.50 for DNP members. Volume 51 is \$75/\$80 retail and \$52.50/\$56.00 for DNP members, Volume 52 is \$77/\$82 retail and \$53.90/\$57.40 for DNP members. Volume 53 is \$80/\$85 retail and \$56/\$59.50 for DNP members. Volume 54 is \$84/\$89 retail and \$58/\$62.30 for DNP members.

Other Annual Reviews series publications are also available. A complete listing of topics and authors for the current volumes and back volumes of Annual Reviews publications may be viewed on the Annual Reviews Web Site at <http://www.AnnualReviews.org>. The Web Site also features a fully searchable abstracts data base for all Annual Reviews publications, which allows visitors to search by author name or key words.

Payment should accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *All orders shipped to Canada require the addition of a 7% GST (Reg. #121449029 RT).*

10. FUTURE CONFERENCES

Organizers of future conferences should contact the DNP Secretary-Treasurer if they wish their conferences listed in DNP newsletters.

“International Conference on Nucleus-Nucleus Collisions (NN2006),” 28 August – 1 September 2006, San Paulo-Brazil
Chair: Mahir S. Hussein, Univ. Sao Paulo
E-mail: Hussein@fma51.if.usp.br.

URL: <http://www.jinancb.org/events/nn2006.html>

“COSY Summer School 2006 (CSS2006)”

28 August – 2 September 2006
Hotel “Burg Hengebach” in Heimbach
Contact: Andreas Nogga, IKP, Forschungszentrum Juelich
Email: a.nogga@fz-juelich.de
URL: <http://www.fz-juelich.de/ikp/css2006>

“International Conference on Trapped Charged Particles and Fundamental Physics (TCP'06),” 3-8 September 2006

Parksville (Vancouver Island) Canada
URL: <http://www.triumf.info/tcp06>
Contact: “Gerald Gwinner” <gwinner@cc.umanitoba.ca>

“Chiral Dynamics 2006, Theory and Experiment: 5th International Workshop,” 18 – 22 September 2006

Triangle Univ. Nuclear Laboratory (TUNL) & Duke Univ.
Co-Chairs: Haiyan Gao, Barry Holstein, Henry Weller
Scientific Secretary: Mohammad Ahmed
URL: <http://www.tunl.duke.edu/events/cd2006/>
Email: chiral06@tunl.duke.edu
Phone: 919-660-2630 / FAX: 919-660-2634

“Hadronic and Electroweak Physics at MIT: Bates Retrospective and Future Prospects,” 28 – 30 September 2006

MIT, Cambridge, MA
Contact: T. William Donnelly
URL: <http://www.BatesSymposium.org>

“European Collaboration for Stable beams (ECOS) Town Meeting,” 5 – 6 of October 2006

Paris, France
Contact: Faical Azaiez (IPN-Orsay)
URL: <http://www.csnsm.in2p3.fr/ECOS>

“IXth International Conference on Hypernuclear and Strange Particle Physics,” 10 – 14 October 2006

Johannes Gutenberg-Universitaet, Mainz, Germany
Chair: Josef Pochodzalla
Email: hyp06@kph.uni-mainz.de
URL: <http://www1.kph.uni-mainz.de/Hyp2006/>

“23rd International Nuclear Physics Conference (INPC2007),”

3 – 8 June 2007
Tokyo, Japan
Chair: Shoji Nagamiya
Scientific Secretary: Toshimi Suda, RIKEN
Email: toshimi.suda@riken.jp
<http://www.inpc2007.jp>

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