

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

ACCOMPANYING THIS NEWSLETTER:

- DNP Nomination Ballot



Future Deadlines

- **1 July 2009** – Nominations for Officers & Exec. Comm.
- **1 July 2009** – Nominations for Bonner Prize
- **1 July 2009** – Nominations for Bethe Prize
- **1 July 2009** – Nominations for Dissertation Award

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 Michael Thoennesen at <dnpweb@nscl.msu.edu>

1. DNP COMMITTEES

Executive Committee

Lawrence S. Cardman, JLab, Chair (2009)
William A. Zajc, Columbia, Chair Elect (2009)
Robert E. Tribble, TAMU, Vice Chair (2009)
Richard F. Casten, Yale, Past Chair (2009)
Benjamin F. Gibson, LANL, Sec.-Treas. (2009)
A. Baha Balantekin, Univ. Wis. Div., Councilor (Dec. 2009)
Elizabeth J. Beise, Univ. Maryland (2010)
Geoffrey L. Greene, ORNL (2009)
Calvin R. Howell, Duke Univ. (2010)
Witold Nazarewicz, Univ. Tennessee (2010)
Allena K. Opper, GWU (2009)
Krishna Rajagopal, MIT (2009)

Program Committee

William A. Zajc, Columbia Univ., (Chair)
Robert E. Tribble, Texas A&M, (Vice Chair)
Richard F. Casten, Yale, (Past Chair 2007)
Lawrence S. Cardman, JLab, (Past Chair 2008)
B. F. Gibson, LANL, (Secretary-Treasurer)
J. A. Carlson, LANL
C. Horowitz, Indiana Univ.
B. R. Holstein, Univ. of Massachusetts
C. Iliadis, Univ. North Carolina
K. Jones, Univ. of Tennessee
C. A. Meyer, Carnegie Mellon Univ.
Z-E. Meziani, Temple Univ.
S. Mioduszewski, Texas A&M
J. L. Nagle, Univ. Colorado-Boulder
M. Sargsian, Florida Intl. Univ.
B. M. Sherrill, Michigan State Univ.
J. F. Wilkerson, Univ. North Carolina

Remaining committees will appear in August.

2. NOMINATIONS OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2010

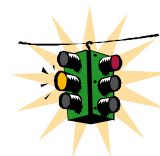
Terms of the officers and three members of the present Executive Committee will expire at the close of the regular meeting of the Division to be held in conjunction with the APS 2010 spring meeting in Washington, DC. William A. Zajc will become Chair, Robert E. Tribble will become Chair-Elect, and Elizabeth Beise, Calvin Howell, and Witold Nazarewicz will remain members of the Executive Committee. A Vice-Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected before February 2010.

The enclosed nominating ballot must be signed and may be returned in the enclosed envelope with your name and address printed or signed legibly in the upper left hand corner of the envelope. The nominating ballot can be downloaded. It should be received by **Benjamin F. Gibson** on or before **1 July 2009** in order to be compiled. The DNP bylaws require that a nominee proposed for a given post by not fewer than one-fiftieth of the members (51 for this election) shall be deemed nominated for that post.

If you are a DNP member, please exercise your right to nominate candidates for the upcoming DNP elections. In 2008 there were only 85 nomination forms received by the Secretary-Treasurer. More members do vote in the DNP elections, but in January 2009 only some 861 of 2500+ members voted. **It is important to vote!**

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- Call for Prize/Award Nominations
- Future Meetings
- Div. Councilor Election
- Hawaii 2009



CALL FOR PRIZE/AWARD NOMINATIONS

3. NOMINATIONS FOR THE 2010 TOM W. BONNER PRIZE IN NUCLEAR PHYSICS

This annual prize was established in 1964 as a memorial to Tom W. Bonner by his friends, students and associates. Previous winners are: H. H. Barschall, R. J. Van de Graaff, C. C. Lauritsen, R. G. Herb, G.

Breit, W. A. Fowler, M. Goldhaber, J. D. Anderson and D. Robson, H. Feshbach, D. H. Wilkinson, C. S. Wu, J. P. Schiffer, S. T. Butler and G. R. Satchler, S. Polikanov and V. M. Strutinsky, Roy Middelton and W. Haeberli, R. M. Diamond and F. S. Stephens, B. L. Cohen, G. E. Brown, C. D. Goodman, H. A. Enge, E. G. Adelberger, L. M. Bollinger, B. Frois and I. Sick, R. H. Davis, E. M. Henley, V. W. Hughes, P. Twin, H. G. Blosser and R. E. Pollock, A. Arima and F. Iachello, E. K. Warburton, F. Boehm, J. D. Walecka, R. G. H. Robertson, J. M. Moss, V. R. Pandharipande, R. Arnold, R. Geller and C. Lyneis, J. D. Bowman, A. B. McDonald, G. F. Bertsch, R. J. Holt, J. C. Hardy and I.S. Towner, S. J. Freedman, A. M. Pozkanzer, and R. D. McKeown.

The purpose of this prize, which currently consists of \$10,000 and a certificate citing the recipient's contributions, is *"To recognize and encourage outstanding experimental research in nuclear physics, including the development of a method, technique, or device that significantly contributes in a general way to nuclear physics research."*

Nominations are open to physicists whose work in nuclear physics is primarily experimental, but a particularly outstanding piece of theoretical work may take precedence over experimental work. There are no time limitations on when the work was performed. The prize shall ordinarily be awarded to one person but a prize may be shared among recipients when all the recipients have contributed to the same accomplishment(s).

Nominations remain active for three years. It is extremely helpful for the committee to receive additional letters of support that detail the contributions of the nominee and the impact these contributions have had on the field. It is also appropriate to submit material such as significant articles that might help us evaluate the nominee's contribution. While general statements concerning the value of the nominee's work are important, we must have specific information that allows us to determine what the nominee has contributed and how this contribution has impacted the field.

Send name of proposed candidate and supporting material before **1 July 2009** to: Bradley M. Sherrill, NSCL/MSU, East Lansing, MI 48824..

4. NOMINATIONS FOR THE 2010 BETHE PRIZE IN NUCLEAR PHYSICS AND ASTROPHYSICS

This annual prize was established in 1996 by friends, students, and associates of Hans A. Bethe and announced at Bethe's 90th birthday celebration at Cornell. Previous prize winners are: J. Bahcall, E. E. Salpeter, I. Talmi, G. E. Brown, M. C. T. Wiescher, W. C. Haxton, S. E. Woosley, A. G. W. Cameron, J. R. Wilson, F. K. Thielemann, and D. Arnett.

The purpose of the prize, which currently consists of \$10,000 and a certificate citing the recipient's contributions, is *"To recognize outstanding work in theory, experiment, or observation in the areas of astrophysics, nuclear physics, nuclear astrophysics or closely related fields."*

The award is to be made to one individual for outstanding accomplishments in these areas. No time limits are set on when the work was done.

Nominations remain active for three years. It is extremely helpful for the committee to receive additional letters of support that detail the contributions of the nominee and the impact these contributions have had on the field. It is also appropriate to submit material such as significant articles that might help the committee evaluate the

nominee's contribution. While general statements concerning the value of the nominee's work are important, specific information defining what the nominee has contributed and how this contribution has impacted the field is needed.

Send name of proposed candidate and supporting material before **1 July 2009** to: John W. Negele, MIT 6-315, 77 Massachusetts Ave., Cambridge, MA 02139.

5. NOMINATIONS FOR THE 2010 DISSERTATION AWARD IN NUCLEAR PHYSICS

The annual award, which recognizes a recent Ph.D. in nuclear physics, was established in 1985 by members and friends of the Division of Nuclear Physics of the APS. Previous winners are: B. Sherrill and W. J. Burger, Thomas E. Cowan, Michael J. Musolf, James Edward Koster, Zhiping Zhao, Greg Schmid, Yury G. Kolomensky, Eric Hawker, John Arrington, Daniel Bardayan, Juinn-Wei Chen, Karsten Heeger, Andrew Steiner, Andriy Kurylov, Li-Bang Wang, Kathryn Miknaitis and Magdalena Djordjevic, Nikolai Tolich and Deepshikha Choudhury, and Steven Clayton and Thomas Banks.

Nature: The award consists of \$2500 and an allowance for travel to the annual Spring Meeting of the Division of Nuclear Physics of the American Physical Society at which the award will be presented.

Rules and Eligibility: Nominations are open to any person who has received a Ph.D. degree in experimental or theoretical nuclear physics from a North American university within the two-year period preceding 1 July 2009.

Send before **1 July 2009** the nomination of the proposed candidate, a statement of his/her contribution to the research as well as that of others and a letter of support from physicists who are familiar with the candidate and the research. To expedite the process, copies of the thesis should be made available for the five committee members. These materials are required for each nominee and should be sent to: Lawrence S. Cardman, Jefferson Lab., Suite 5, 12000 Jefferson Ave., Newport News, VA 23606.

6. FUTURE DNP FALL MEETINGS

2010	Nov. 3-6	Santa Fe, NM
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The dates include the "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 speciality other than their own.

7. FUTURE APS SPRING MEETING INFORMATION

2010	Feb 13-16	Washington, DC
2011	April 15-18	Anaheim, CA

Any comments/suggestions should be sent to APS Meetings Manager, Donna Baudrau (baudrau@aps.org).

8. 2009 JOINT MEETING ON HAWAII WITH THE JAPANESE PHYSICAL SOCIETY, B.M. Sherrill

The first two joint meetings of the Division of Nuclear Physics of the American Physical Society (APS) with the nuclear physicists of the Physical Society of Japan (JPS) -- HAW01 and HAW05 -- were resounding successes, with between 800 and 1000 participants from Japan and North America at each. At the close of HAW05 the International Advisory Committee recommended that the series continue and the next meeting be held in 2009.

The Third Joint Meeting, HAW09, will be held at the Hilton Waikoloa Village on Hawaii's Big Island, 13-17 October, 2009. In addition to showcasing exciting nuclear physics, HAW09 is intended to foster cooperation, collaboration, and the exchange of ideas among the nuclear scientists from Japan, the U.S., and other Pacific Rim countries. It will provide an opportunity for students from Japan and the U.S. to meet and discuss their visions of careers in the field of nuclear physics.

Hotel:

The venue for this year's joint meeting, the Hilton Waikoloa, is located just 18 miles north of the Kona International Airport. It has been rated by Travel and Leisure Magazine as one of the World's best 100 Hotels and is consistently rated as one of the top family resorts in America. Complete Conference Coordinators, Inc. has negotiated a very favorable rate for the meeting, including special rates for students. The resort is located on a 62 acre parcel on the ocean, has ample meeting space, and a 4 acre lagoon for snorkeling and swimming with dolphins. It is near a shopping center with several restaurants and a food court. The venue is near Mauna Kea and the Keck and Subaru Observatories. Tours of the Subaru observatory will be available on a limited basis.

Meeting Format:

The Meeting Structure for HAW09 will resemble that for HAW05; it will be a five-day meeting. Workshops will be held on Tuesday, 13 October, preceding the plenary session and scientific sessions that follow on the 14-17th. The plenary session on Wednesday morning will open the main meeting and will highlight the nuclear physics in Japan and the U.S. The subsequent scientific sessions will be held during the morning and evening, except on the last day of the meeting (Saturday), when sessions will be scheduled for the morning and afternoon. There will be an Hawaiian-style dinner on Friday evening to celebrate the joint meeting.

The workshops on Tuesday, 13 October, will be scheduled in the morning and afternoon. Talks will be 25 minutes long plus 5 minutes for discussion. Workshop topics will be:

- The Physics of Exotic Nuclei
- Nuclear Physics with the New-Generation Rare isotope Beams
- GRETINA Physics
- Frontiers in Nuclear Astrophysics
- Neutrinoless Double Beta Decay
- Physics with Neutrons
- The Structure of Hadrons and Hypernuclei Studied by Photonuclear and Hadronic Reactions at JLab, LEPS and J-PARC
- Transverse Spin and Transverse Structure of the Nucleon: Present Status and Future Prospects
- Investigations of Glue and the Physics and Prospects of the Electron Ion Collider
- Expanding Future of High Energy Nuclear Physics at LHC and RHIC

The workshops are being arranged by L. Cardman, JLab and S. Shimoura, Univ. of Tokyo.

Typically a morning or evening period will see one invited paper session running in parallel with multiple sessions of contributed papers and mini-symposia. As is usual, mini-symposia will involve one lead (invited) talk followed by contributed papers all focused on the same topic. The mini-symposia are viewed as ideal sessions to integrate the JPS and DNP communities around topics of mutual interest. Contributed talk slots will again be 15 minutes, time for a 12-minute presentation with three minutes allotted for questions and discussion. Lead talks in minisymposia will be 30 minutes (25 + 5). Invited session talk slots will be 45 minutes (35 + 10). For the benefit of all, speakers are urged to enunciate clearly and to project important points on the screen. For more details see the conference web site.

For Hawaii 2009 (HAW09) the registration fee schedule is:

	Members	Non members	Students/ Unemployed	Companion
Early Reg., ≤ 3 September	\$300	\$600	\$125	\$75
Early Reg., ≤ 5 October	\$350	\$700	\$175	\$85
On-site Reg.	\$400	\$800	\$200	\$100

Conference Coordinator :

Complete Conference Coordinators, Inc.
 Phone: 630-637-8100
 Fax: 630-416-3333
 Email: info@cccmeetings.com
 Website: www.cccmeetings.com

Conference Website: <http://meetings.nsl.msui.edu/hawaii09/>

Important Deadlines:

Abstract Deadline: July 1, 2009
 Early Registration Deadline: September 3, 2009
 Hotel Reservation Deadline: September 3, 2009

International Advisory Committee

S.H. Aronson, BNL
 M. Bando, Kyoto
 S.J. Freedman, Berkeley
 C-K. Gelbke, Michigan State
 O. Hashimoto, Tohoku
 H. Horiuchi, Osaka
 K. Imai, Kyoto
 B.V. Jacak, New York Stony Brook
 D.B. Kaplan, Washington
 T. Motobayashi, RIKEN
 T. Kugo, Kyoto
 N. Lockyer, TRIUMF
 T. Motoba, Osaka
 S. Nagamiya, JPARC/KEK
 H. Sakai, Tokyo
 J.P. Schiffer, ANL
 S.J. Seestrom, LANL
 A. Suzuki, KEK
 T.J.M. Symons, LBNL
 A.W. Thomas, JLAB
 H. Toki, Osaka
 R.E. Tribble, Texas A&M
 A. Ukawa, Tsukuba
 M.C.F. Wiescher, Notre Dame

Organizing Committee

Larry Cardman, JLAB
 Benjamin F. Gibson, LANL
 Timothy J. Hallman, BNL

Akira Ohnishi, YITP, Kyoto U
*Makoto Oka, Tokyo Tech
Takashi Nakano, RCNP, Osaka U
Naohito Saito, KEK
*Bradley M. Sherrill, MSU
Susumu Shimoura, CNS, U Tokyo
Jean-Michel Poutissou, TRIUMF
* Co-chair

9. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

New 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 that entitles one to the DNP discount will be verified through the DNP prior to shipment of orders.

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.

10. DIVISION COUNCILOR ELECTION

Our division councilor's term expires 31 December 2009. Anticipate a web election in July/August.

11. FUTURE CONFERENCES

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

“3rd International Conference on Collective Motion in Nuclei under Extreme Conditions (COMEX 3)”

2 – 5 June 2009

Mission Point Resort, Mackinac Island, MI, USA

Chair: Remco Zegers

<http://meetings.nsl.msu.edu/COMEX3/>

“Gordon Conference on Nuclear Chemistry (Nuclear Structure)”

21 – 26 June 2009

Colby-Sawyer College, New London, NH

Chair: Andrew Stuchbery

Email: andrew.stuchbery@anu.edu.au

<http://www.grc.org/programs.aspx?year=2009&program=nuchem>

“4th International Workshop: From Parity Violation to Hadronic Structure (PAVI09)”

22 – 26 June 2009

Bar Harbor, ME

Chair: S. Kowalski(MIT)

<http://web.mit.edu/pavi09/>

“2009 Gordon Research Conference in Nuclear Physics”

12 – 17 July 2009

Bryant University, Smithfield, RI

Chair: Steve Vigdor

V. Chair: Zein-Eddine Meziani

<http://www.grc.org/programs.aspx?year=2009&program=nucphys>

Deadline: 21 June 2009

“2009 Graduate Research Seminar”

11 – 12 July 2009

Bryant University, Smithfield, RI

Chair: Sean Tulin, CalTech

URL:

http://www.grc.org/programs.aspx?year=2009&program=grad_nucl

Deadline: 20 June 2009

“19th Int'l Conference on Few-body Problems in Physics (FBXIX)”

31 August – 5 September 2009

Bonn, Germany

Chair: Ulf Meissner

<http://postman.iskp.uni-bonn.de/mailman/listinfo/fewbody>

“10th Int'l Conference on Hypernuclear and Storage Particle Physics (HYP-X)”

14 – 18 September 2009

Tokai, Japan

Chair: Kenichi Imai, Kyoto Univ.

“2009 IEEE Nuclear Science Symposium and Medical Imaging Conference (2009 IEEE NSS/MIC)”

25 – 31 October 2009

Orlando, Florida

Chair: Richard Lanza, MIT

<http://www.nss-mic.org/2009>

e-mail: nssmic2009@mit.edu

Deadline: 11 May 2009

12. TREASURER'S REPORT

The summary of the DNP balance of funds with the APS along with the balances for the Bethe Prize, Bonner Prize, and Dissertation Award accounts, as reported to the DNP Executive Committee and at the April 2009 DNP Business Meeting, are printed below. The Treasury is in good condition, as it needs to be when meetings such as the Joint DNP/JPS Hawaii meetings are undertaken. Proceeds from the DNP07 meeting have just been received, raising the DNP fund to ~\$200,000.

To provide a brief summary of major DNP expenses, DNP funds have been used for a number of worthy causes: support for public lectures, physics Olympics, Teacher's Day programs, graduate student awards to encourage participation in the spring meeting (and Hawaii 2005), Conference Experience for Undergraduate support at the DNP Fall Meeting, Lunch with the Experts at the April Meeting, support for the APS International Travel Grant program, support for the APS Congressional Fellow program, publication of the DNP newsletter, printing/distribution of the Nobel Prize Poster, and sorters meeting expenses for the fall and spring meetings. The DNP has recently paid the Bonner prize from DNP funds, so that earnings could accumulate to the \$200,000 endowment required by the APS to raise the prize to the \$10,000 level. Traditionally, Bonner Prize recipient travel expenses have been paid from DNP funds as have those for the Dissertation Award winner(s). The Bethe Prize endowment had already reached the \$200,000 level. The DNP also contributed to the publication costs for the joint APS unit Neutrino study.

**TREASURY REPORT
APRIL 2009**

	2/28/09	2/29/08	2/28/07	2/28/06	3/31/05
DNP Fund Balance	\$157,801	\$201,566	\$192,423	\$205,576	\$298,866
	12/31/08	12/31/07	12/31/06	12/31/05	12/31/04
Bethe Prize	\$247,734	\$239,513	\$231,153	\$223,241	\$215,859
Bonner Prize	\$218,309	\$204,268	\$190,546	\$178,364	\$166,659
Dissertation Award	\$55, 441	\$53,835	\$ 52,956	\$ 51,677	\$ 50,472

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EXECUTIVE COMMITTEE CHAIRS SINCE 1966

SCHIFF, L. I.	1967	EISENSTEIN, R.A.	1989
BARSCHALL, H. H.	1968	BALL, J.B.	1990
GOLDHABER, M.	1969	CRAWLEY, G.M.	1991
FESHBACH, H.	1970	HAXTON, W. C.	1992
PHILLIPS, G.C.	1971	BENCZER-KOLLER, N.	1993
LAURITSEN, T.	1972	DOVER, C.B.	1994
AJZENBERG-SELOVE, F.	1973	WALECKA, J.D.	1995
COHEN, B.L.	1974	RIEDINGER, L.L.	1996
SCHIFFER, J.P.	1975	CLARK, B.C.	1997
HANNA, S.S.	1976	FREEDMAN, S.J.	1998
WENESER, J.	1977	HENNING, W.F.	1999
HENLEY, E.M.	1978	ROBERTSON, R.G.H.	2000
AXEL, PETER	1979	MOSS, J.M.	2001
HARVEY, B.G.	1980	GLASHAUSSER, C.	2002
GARVEY, G.T.	1981	BALANTEKIN, A.B.	2003
AUSTIN, S.M.	1982	GEESAMAN, D.F.	2004
BERTSCH, G.F.	1983	SHERRILL, B.M.	2005
HAYWARD, E.	1984	SEESTROM, S.J.	2006
ROSEN, L.	1985	MILNER, R.G.	2007
STOKSTAD, R.G.	1986	CASTEN, R.F.	2008
ADELBERGER, E.G.	1987	CARDMAN, L.S.	2009
KOONIN, S.E.	1988		