

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

ACCOMPANYING THIS NEWSLETTER:

- DNP Nomination Ballot
- DNP Fall Meeting Poster



E. Rehm, Argonne Nat. Lab.
R. Seto, Univ. of Calif., Riverside
M. Thoennessen, Michigan State Univ.

Other DNP committees will appear in the August Newsletter.

Future Deadlines

- **1 July 2011** — DNP Fall Meeting Abstract Submission
- **1 July 2011** — Election Nominations
- **1 July 2011** — Nomination for Bethe Prize
- **1 July 2011** — Nomination for Bonner Prize
- **1 July 2011** — Nomination 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 Thoennessen at <dnpweb@nscl.msu.edu>

1. DNP COMMITTEES

Executive Committee

- Robert E. Tribble, Texas A&M Univ., Chair (2011)
- Robert D. McKeown, Jefferson Lab., Chair Elect (2011)
- Berndt Mueller, Duke Univ., Vice Chair (2011)
- William A. Zajc, Columbia, Past Chair (2011)
- Benjamin F. Gibson, LANL, Sec.-Treas. (2011)
- Wick C. Haxton, Univ. of Calif., Div. Councilor (Dec. 2013)
- Douglas H. Beck, UIUC (2012)
- Richard Furnstahl, Ohio State Univ. (2012)
- Alexandra Gade, Michigan State Univ. (2011)
- Susan Gardner, Univ. of Kentucky (2012)
- John W. Harris, Yale Univ. (2011)
- Gerald Miller, Univ. of Washington (2011)

Program Committee

- Robert D. McKeown, Jefferson Lab. (Chair)
- Berndt Mueller, Duke Univ., Vice Chair (Vice Chair)
- William A. Zajc, Columbia Univ. (Past Chair 2009)
- Robert E. Tribble, Texas A&M Univ. (Past Chair 2010)
- B. F. Gibson, LANL, (Secretary-Treasurer)
- R. Atcher, Los Alamos Nat. Lab.
- S. A. Bass, Duke Univ.
- J. F. Beacom, Ohio State Univ.
- D. H. Beck, UIUC
- G. D. Cates, Jr., Univ. of Virginia
- M. Cooper, Los Alamos Nat. Lab.
- J. Dudek, Old Dominion Univ.
- S. Gardner, Univ. of Kentucky
- P. Jacobs, Lawrence Berkeley Nat. Lab.
- W. Melnitchouk, Jefferson Lab.
- A. K. Opper, The George Washington Univ.

2. NOMINATIONS OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2011

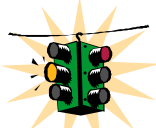
Terms of the officers and three members of the present Executive Committee will expire at the close of the regular meeting of the Division to be held in conjunction with the APS 2011 spring meeting in Anaheim, CA. Robert E. Tribble will become Chair, Robert D. McKeown will become Chair-Elect, and Alexandra Gade, John W. Harris, and Gerald A. Miller will remain members of the Executive Committee as will William A. Zajc as Past Chair. A Vice-Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected before April 2011.

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 2011** 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 (53 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 2010 there were only 57 nomination forms received by the Secretary-Treasurer. More members do vote in the DNP elections, but in January 2011 only some 781 of 2500+ members voted. **It is important to vote!**

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- **Future Meetings**
- **DNP 2011 (MSU)**



CALL FOR PRIZE/AWARD NOMINATIONS

3. NOMINATIONS FOR THE 2011 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. Haerberli, 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, R. D. McKeown, S. C. Pieper and R. B. Wiringa, and R. F. Casten.

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 2011** to: Charlotte Elster, Dept. of Physics & Astronomy, Ohio Univ., Athens, OH 45701.

4. NOMINATIONS FOR THE 2011 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, D. Arnett, C. Rolfs, and C. J. Pethick.

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 2011** to: Gail C. McLaughlin, Dept. of Physics, North Carolina State Univ., Raleigh, NC 27695-8202

5. NOMINATIONS FOR THE 2011 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, Steven Clayton and Thomas Banks, Calem R. Hoffman, and Huicho Song and Matthew Luzum.

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 2011.

Send before **1 July 2011** 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: Robert E. Tribble, Physics Dept. Texas A&M Univ. College Station, TX 77843.

6. FUTURE DNP FALL MEETINGS

2012	October 24-27	Newport Beach, CA
2013	October 23-26	Newport News, VA

The dates include the premeeting 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 of the local community.

7. FUTURE APS SPRING MEETING INFORMATION

2012	Apr 28-May 1	Atlanta, GA
2013	Apr 13-16	Denver, CO
2014	Apr 5-8	Savannah, GA

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

8. DNP FALL MEETING IN EAST LANSING, MICHIGAN 26-29 OCTOBER 2011, M. Thoennessen

The annual Fall Meeting of the Division of Nuclear Physics (DNP) of the American Physical Society will be held at the Kellogg Center on the campus of Michigan State University from Wednesday, October 26, through Saturday, October 29, 2011. The meeting will open with a plenary session on Wednesday afternoon. The parallel scientific sessions -- invited sessions, mini-symposia, and contributed paper sessions -- will be held Thursday and Friday morning and afternoon as well as Saturday morning. The format will follow that of the Oakland and Santa Fe meetings, with two morning sessions, a long lunch break, and two afternoon sessions and will conclude on Saturday at noon. Three topical workshops will be held in parallel on Wednesday morning. A reception and open-house will be hosted by NSCL on Wednesday evening. The CEU poster session and Physical Review drop-in will be scheduled on Thursday afternoon. The Business/Town Meeting will be Friday afternoon, prior to a reception and banquet. Check the meeting website <http://meetings.nscl.msu.edu/dnp2011> for updated information.

Hotels:

The venue for the meeting will be the Kellogg Center on the northwest corner of the campus of Michigan State University. There are 110 rooms available at the rate of \$86/night, plus taxes (single or double room). An additional 100 rooms are reserved at the East Lansing Marriott at the rate of \$95/night, plus taxes (single or double room); the walk through campus from the Marriott to the Kellogg Center takes ~15 minutes. Car parking for those not residing at the Kellogg Center will be available for \$8/day in a ramp adjoining the Kellogg Center. Reservations can be made directly with the hotels and the contact websites and phone numbers are listed on the meeting's website.

Transportation:

The Kellogg Center and the Marriott provide airport shuttle service to/from the Lansing airport with prior reservation for their guests. Taxis are also available for the ~20 minute trip from the Lansing airport (code LAN). Wayne County Detroit Metropolitan Airport (DTW) is serviced by all major airlines. Rental cars and the MichiganFlyer coach service (<http://www.michiganflyer.com/>) are available for the 90-120 minute trip to NSCL. The Gerald R. Ford International Airport in Grand Rapids (GRR) and the Bishop International Airport (FNT) in Flint sometimes offer lower rates and are within 60 minutes driving distances.

Workshops:

Three workshops will be held on Wednesday morning preceding the main meeting. These workshops will run in parallel and registration is required. The workshops are specifically aimed at graduate students, post-docs and all physicists that would like to get an in-depth introduction to emerging areas in nuclear physics. The workshops and organizers are:

- *Advanced digital signal process techniques in nuclear science*, arranged by J. Caggiano (LLNL), H. Crawford (LBL), and S. Liddick (MSU)

- *New insights in nuclear physics and nuclear astrophysics from reaccelerated and stopped rare isotopes*, arranged by J. Blackmon (LSU), R. Janssens (ANL) and O. Naviliat-Cuncic (MSU)

- *Heavy Ions at the Energy Frontier: First Results from the LHC*, arranged by C. Markert (Texas) and S. Pratt (MSU)

The workshops will begin at 8:30am and include a coffee break. The workshops will conclude with a lunch at 12:30pm which is included in the workshop registration fee.

User Group and Satellite Meetings:

User-group or other satellite meetings can be accommodated on Thursday evening, please contact M. Thoennessen by September 9th for meeting room reservations. To have notices included in the BAPS, it is essential to make arrangement by August 1st, before the BAPS goes to print.

Local Organizing Committee

Sean Liddick, David J. Morrissey, Oscar Naviliat-Cuncic, Scott Pratt, Bradley M. Sherrill, Artemis Spyrou, Michael Thoennessen (Chair), and Remco Zegers.

Conference Coordinator: J. Carducci. Specific questions can be addressed via email to: dnp2011@nscl.msu.edu

Conference Website: <http://meetings.nscl.msu.edu/dnp2011/>

Registration

Registration costs are indicated in the following table.

	Members	Non members	Students/ Unemployed	Workshop
Early Registration (by Sept. 9 th)	\$250	\$500	\$100	\$40
Regular Registration (Sept. 10 th – Oct. 21 st)	\$300	\$600	\$125	\$50
On-site Registration	\$350	\$700	\$150	\$75

The registration fee includes lunch on Thursday and Friday served in the Big Ten Room at the Kellogg Center. No refunds will be made for missed meals. A banquet will be held on Friday evening at an additional cost. The workshop fee includes a lunch on Wednesday.

Abstract Submission:

The abstract submission deadline is July 1, 2011. Only electronic submission of abstracts is permitted. The lead author on an abstract is considered the presenter. APS rules limit the same lead author to one abstract. Instructions for submitting abstracts can be found on the APS meetings webpage under the Abstract Submission link. The meeting ID is DNP11.

Important Deadlines:

Abstract Submission: July 1, 2011

Early Registration: September 9, 2011

Hotel Reservation: September 9, 2011

Regular Registration: October 21, 2011

9. APS ISSUES CALL FOR PAPERS FOR PHYSICAL REVIEW X

Daniel Kulp, Editorial Director of the American Physical Society has stated that the doors are open for submissions to Physical Review X

(PRX), the new online, open access research journal of the APS covering all fields of physics. Authors and research institutions worldwide are invited to be a part of this new venture.

As broad in scope as physics itself, PRX is committed to publishing excellent, original research in pure, applied, and interdisciplinary fields, which will be valued by a global readership. PRX will provide validation through prompt and rigorous peer review, and an open access venue within the Physical Review family of publications. The first issue of PRX is targeted for September of this year.

The PRX Editor is Jorge Pullin, Chair of the Horace C. Hearne, Jr. Institute for Theoretical Physics and professor in the Louisiana State University Center for Computation & Technology and Department of Physics and Astronomy. Pullin received his Ph.D. from the Instituto Balseiro. PRX Associate Editor Ling Miao received her Ph.D. from Simon Fraser University. An international editorial board of distinguished scientists has been assembled with coverage of all fields of physics; see <http://prx.aps.org/staff>.

Articles in PRX will be published under the terms of the Creative Commons Attribution 3.0 License, leaving copyright with the authors. An article-processing charges of \$1500 per published article, paid by authors or their institutions, will cover peer review, composition, hosting, and archiving, and allow PRX to be freely available. More information and details of how to submit an article appear on the journal's website <http://prx.aps.org>.

10. FUTURE MEETINGS

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

“11th Intl. Conference on Nucleus-Nucleus Collisions (NN2012)”

28 May – 1 June 2012
San Antonio, Texas, USA
Contact: Bao-An Li
Email: nn2012@comp.tamu.edu
URL: <http://nn2012.tamu.edu>

“Quark Matter 2011”

23 – 28 May 2011
Annecy, France
URL: <http://qm2011.in2p3.fr/>

“JLab Users Meeting”

6 – 8 June 2011
Thomas Jefferson National Accelerator Facility
Newport News, Virginia USA
Chairman: Zein-Eddine Meziani; Email: meziani@temple.edu

“Workshop on Search for Electric Dipole Moments (EDMs) at Storage Rings”

4 – 6 July 2011
Physikzentrum Bad Honnef (near Bonn, Germany)
Contacts: Hans Stroehrer <h.stroehrer@fz-juelich.de>
Frank Rathmann <f.rathmann@fz-juelich.de>
URL: <http://www.fz-juelich.de/ikp/edm/en/>

“IX Latin American Symp. on Nuclear Physics & Applications”

18 – 22 July 2011
Quito, Ecuador
Contact: Ricardo Alarcon (ASU); Email: Ricardo.Alarcon@asu.edu
URL: <http://www.lasnpa-quito2011.org/>

“19th Particles and Nuclei Intl. Conference (PANIC11)”

24 – 29 July 2011
MIT, Cambridge, MA
Co-chairs: P. Fisher (fisherp@mit.edu)/R. Milner (milner@mit.edu)
URL: <http://panic11.mit.edu>

“Rutherford Centennial Conference on Nuclear Physics 2011”

8 – 12 August 2011
The University of Manchester, Manchester, UK
URL: <http://rutherford.iop.org>

“Quark Matter 2012 (QM2012)”

13 – 18 August 2012
Omni Shoreham Hotel, Washington, DC, USA
Contact: John W. Harris

“Asia Pacific Conference on Few-Body Problems in Physics (APFB2011)”

22 – 26 August 2011
Seoul, Korea
Contact: Hyun-Chul Kim
E-Mail: hchkim@inha.ac.kr
URL: <http://apctp.org/conferences/2011/APFB2011/>

“European Nuclear Physics Conference 2012” (EuNPC2012)

17 – 21 September 2012
Bucharest, Romania
Chairman: Nicolae-Victor Zamfir; Email: eunpc2012@nipne.ro
URL: <http://www.ifin.ro/eunpc2012/>

“XIV Workshop on High Energy Spin Physics (DSPIN-11)”

20 – 24 September 2011
Dubna, Russia
Contact: Anatoly Efremov
URL: <http://theor.jinr.ru/~spin/2011/>

ROBERT E. TRIBBLE

Chair

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