



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

ACCOMPANYING THIS NEWSLETTER:

- Poster for DNP 2002
- DNP02 Speaker Nomination form



Future Deadlines

- **29 March 2002** — Speaker Nominations for Fall Meeting
- **1 April 2002** — APS Fellowship Nominations
- **1 July 2002** — Nominations for Bonner Prize
- **1 July 2002** — Nominations for Bethe Prize
- **1 July 2002** — Nominations for Dissertation Award

A WWW home page for the Division of Nuclear Physics is available at "<http://nuclth.physics.wisc.edu/dnp>." 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 Baha Balantekin at

"dnp@nuclth.physics.wisc.edu"

1. RESULTS OF ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 2002

By the deadline date of 11 January 2002, 601 properly identified ballots were received for the election of officers and members of the Executive Committee. The results of the election are as follows: Donald F. Geesaman was elected as Vice-Chair and Benjamin F. Gibson was elected as Secretary-Treasurer for one-year terms. Alejandro Garcia, John C. Hardy, and Willem T. H. van Oers were elected to two-year terms on the Executive Committee. The counting of the ballots was done by Tellers Steven Karataglidis, Stepan Mashnik, and Erin Quealy, and supervised by Kay Grady, all of LANL. The members of the 2002 Executive Committee, who assume their duties at the APS Spring Meeting, are as follows:

Charles Glashausser, Rutgers, Chair (2002)
A. Baha Balantekin, U. Wis, Chair-Elect (2002)
Donald F. Geesaman, ANL, Vice Chair (2002)
Joel M. Moss, LANL, Past Chair (2002)
Benjamin F. Gibson, LANL, Sec.-Treas. (2002)
Bunny C. Clark, Ohio State Univ.

Divisional Councilor (December 2005)
Alejandro Garcia, Notre Dame (2003)
Charlotte Elster, Ohio Univ. (2002)
John C. Hardy, Texas A&M (2003)
T. S. Harry Lee, ANL (2002)
Bradley M. Sherrill, MSU (2002)
Willem T. H. van Oers, Manitoba (2003)

2. CALL FOR DNP COMMITTEE SUGGESTIONS

The terms of some of the members of the following DNP committees expire in April 2002: Bethe, Bonner, Fellowship, Nominating, Home Page, and Education. Suggestions from the DNP membership for new members of these committees are welcome and should be sent to Charles Glashausser. A list of committee members for 2002/03 will be published in the August newsletter.

3. 2002 BONNER PRIZE WINNER

J. David Bowman of the Los Alamos National Laboratory has been named the winner of the 2002 Tom W. Bonner Prize in nuclear physics. The citation reads:

In recognition of his leadership in performing precision measurements involving tests of fundamental symmetries, including his studies of parity nonconservation in compound nuclei.

Please go to www.aps.org and click on *Prizes and Awards* to read the background of Dr. Bowman.

Inside . . .

- **Bonner, Bethe, Dissertation Award Winners**
- **2001 APS Fellows**
- **Hawaii 2001 Success**
- **Spring Meeting Preview**
- **Call for Prize/Fellow Nominations**
- **Fall Meeting at MSU**
- **Physical Review News**
- **April 2002 DNP Symposia**

4. 2002 BETHE PRIZE WINNER

Gordon Baym, Professor of Physics at the University of Illinois, has been named the winner of the 2002 Hans A. Bethe Prize. The citation reads:

“For his superb synthesis of fundamental concepts which have provided an understanding of matter at extreme conditions, ranging from crusts and interiors of neutron stars to matter at ultrahigh temperature.”

Go to www.aps.org and click on Prizes and Awards to read the background information on Prof. Baym.

5. 2002 DISSERTATION AWARD WINNER

Juinn-Wei Chen of the University of Washington has been named the winner of the 2002 Dissertation in Nuclear Physics Award for his thesis work under Martin Savage. The citation reads:

For his outstanding contributions to the development and application of effective field theory to two-nucleon systems.

Please go to www.aps.org and click on *Prizes and Awards* to read the background of Dr. Chen.

6. NEW DNP FELLOWS

The following DNP members are newly elected (2001) Fellows of the APS. Please join us in offering congratulations.

Yoram Alhassid, Yale University
Terry Clayton Awes, Oak Ridge National Lab.
Birger Bo Back, Argonne National Lab.
Elizabeth J. Beise, University of Maryland
Thomas David Cohen, University of Maryland
Cornelius William de Jager, Thomas Jefferson Nat. Acc. Lab.
Charlotte Elster, Ohio University
Richard J. Furnstahl, The Ohio State University
Ulrich Walter Heinz, Ohio State University
John B. McClelland, Los Alamos National Lab.
Bernhard Alfred Mecking, Thomas Jefferson Nat. Acc. Lab.
Madappa Prakash, SUNY at Stony Brook
Craig Darrian Roberts, Argonne National Lab.
Howard Henry Wieman, Lawrence Berkeley National Lab.

7. REPORT ON THE HAWAII FALL MEETING ON MAUI, HI, 17–20 OCTOBER 2001 V. R. Brown, Organizing Committee Chair

The historic first joint meeting of the Division of Nuclear Physics (DNP) of the American Physical Society (APS) and the nuclear physicists of the Japanese Physical Society (JPS) was held at the Outrigger Wailea Resort on the island of Maui in Hawaii on 17-20 October 2001. The goal of Hawaii 2001 (HAW01) was to engender cooperation and the exchange of ideas among nuclear scientists from these two Societies.

There exist many common threads in the nuclear physics basic research interests pursued by the nuclear physics communities of

Japan and the US. These common interests exist at the level of big projects as well as the level of the individual investigator. HAW01 was designed to bring the two Societies together at both levels in a truly joint meeting emphasizing topics of common interest by integrating speakers from the two Societies in the same invited and contributed sessions and mini-symposia. This goal was accomplished through hard work of the Program Committee, which included members from both Societies. The outcome was sessions with exciting physics content which stimulated considerable interaction and discussion among the approximately 700 DNP and the JPS physicists in attendance. Therefore, from the point of view of our main goal, HAW01 was a resounding success. This was true in spite of the last minute cancellation of about 100 physicists, representing about 29% from the JPS and 4% from the US. These cancellations were due to the uncertainty created by the October FBI alert following the attacks of September 11, 2001.

In addition to the scientific sessions at HAW01, a number of special events were very well attended and extremely well received. Many hard-working volunteers helped make these events succeed so well. Special events included a Tuesday evening opening reception with excellent light refreshments on the roof garden, which set the tone for the meeting by initiating lots of interaction among participants. On Wednesday morning there was a Companions Get-Together with refreshments, lots of good information about what to do and see, and record attendance.

HAW01 officially commenced with a ceremonial event which commemorated this historic first meeting with an exchange of plaques and certificates by the Presidents and Executive Officers of the two Societies. This was followed by the opening Plenary Session featuring talks about the physics of both countries before a packed audience.

A joint DNP/JPS program on the status of women and minorities in physics was held in conjunction with a buffet luncheon in the Lokelani Ballroom on Thursday. The program featured two speakers, Judy Franz of the APS and Masako Bando of Aichi University. It was sponsored by the APS and JPS, ANL, BNL, LBNL, LANL, and SURF. A bus excursion to the Japanese Haleakala High Altitude Observatory Site on Thursday afternoon during the free time was a great success, both in terms of participation and excellent viewing weather. The traditional Physical Review C/Physical Review Letters meet-the-editors drop-in featured desserts and coffee on Thursday evening.

A Conference Experience for Undergraduates (CEU) reception as well as a graduate reception hosted and organized by the JPS, both featuring “make-your-own” ice cream sundaes, were well attended on Wednesday evening. During the meeting numerous opportunities were available for young people to learn first-hand about physics as a profession, to meet other students, and to meet and discuss with research physicists. A poster session featuring presentations by enthusiastic CEU students and other meeting participants drew a large attendance on Friday afternoon, prior to the DNP Town Meeting.

On Friday evening a special Luau was held, in place of a formal banquet, in the Luau Garden at the edge of the Pacific Ocean amid balmy evening breezes. The food was superb, including roast pig cooked in a pit on-site and other Hawaiian specialties. The Hawaii entertainment featured a world champion fire dancer, music, and dancers. JPS and DNP members joined enthusiastically in the Hula lesson and performed extremely well. A good time was had by all.

On Saturday evening following the close of HAW01, the Organizing Committee, the International Advisory Committee, and others met for dinner and discussed the success of HAW01 and the future of such meetings. The JPS members reported that there was unanimous enthusiasm among their members for holding such meetings on a regular basis. This was echoed by the DNP/APS members present. Both societies planned to discuss this recommendation at their respective Executive Committee meetings to determine whether such a plan should go forward and what schedule to adopt.

8. THE APS SPRING MEETING IN ALBUQUERQUE, NM, 20-23 APRIL 2002

The April Meeting 2002 of the American Physical Society will be held in conjunction with the High Energy Astrophysics Division (HEAD) of the American Astronomical Society in Albuquerque, New Mexico at the Albuquerque Convention Center. Albuquerque in the spring can be a lovely venue. An exciting and comprehensive program has been planned. Make your plans to attend.

To check out Albuquerque, NM, look at the URL:
<http://www.abqcvb.org/visitors>

The APS will sponsor an Employment Center on Sunday, 21 April, and Monday, 22 April, from 9:00 a.m. - 5:00 p.m. Check the APS web site at "<http://www.aps.org>" for details. Resumes must be received by 2 April.

The APS has contracted with a travel agent, Diplomat Travel Services, to obtain discounted zone fares from United Airlines for travel to Albuquerque. A downloadable form is available at <http://www.aps.org/meet/APR02/>. Ground transportation information can also be found at that site.

An advance copy of the BAPS can be obtained by contacting the APS membership department at 301-209-3280. The cost is \$13 for delivery by domestic first class mail. Attendees can pre-plan their schedules by using the "shopping cart" feature of the electronic web program, which allows the attendee to view the program, select the sessions and talks desired, deposit this information in a personal meeting schedule, and then print out the schedule. The electronic program will be posted to the web in February.

The DNP owes the sorters for APR02 a thank you for their time and effort: V. Burkert (JLab), J-P. Chen (JLab), J. Cizewski (Rutgers), and A. Thompson (NIST).

9. NOMINATIONS FOR APS FELLOWSHIP DUE 1 APRIL

The procedure for nomination of APS members as Fellows of the Society has been recently modified by the APS Fellowship Committee. Please check the nomination procedures on the APS home page (www.aps.org).

The DNP deadline for nominations is 1 April. Nomination forms can be downloaded from the APS home page or obtained by sending an e-mail message to "fellowship@aps.org." Completed forms should be returned to the address indicated on the form. Nominations remain active for two years.

The 2002 Fellowship Committee is comprised of R.G.H. Robertson (Chair), J.A. Carlson, W.A. Zajc, W. Tornow, and R.V.F. Janssens.

The DNP Fellowship Committee reviews the nominations for APS Fellowship which have been referred to the DNP and recommends a slate of candidates to the APS Fellowship Committee. Final approval of the new APS Fellows is made by the APS Council.

It is particularly important for nominators to ensure that the cases which they prepare for the Fellowship Committee are well documented. In addition to that requested on the nomination form, information such as lists of invited talks, awards, professional activities, committee services, and participation in organization of conferences is very helpful. Inclusion of a complete publication list is highly recommended.

The DNP has adopted the following Fellowship Criteria Guidelines. To be chosen as a Fellow, an APS member should have a record of excellence in research that has been sustained over several years, and have completed at least one major, original work that has influenced his/her specialty in a significant way. The APS requires membership for at least the prior year.

The list of APS Fellows (by APS subunit) elected in a given year appears on the APS Home Page in December and is published in the March issue of *APS News*. The names of newly elected DNP Fellows are published in the February Newsletter and the awards are presented at the DNP Business meeting of the Spring APS meeting.

10. NOMINATIONS FOR THE 2002 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, and J. D. Bowman.

The purpose of this prize, which currently consists of \$7,500 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 2002** to: T. W. Donnelly, Ctr. For Theoretical Physics 6-300, MIT, 77 Massachusetts Ave., Cambridge, MA 02139

1.1. NOMINATIONS FOR THE 2002 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, and G. E. Brown.

The purpose of the prize, which currently consists of \$7500 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 2002** to: Katherine Gebbie, B160 Physics, NIST, 100 Bureau Dr., MS 8400, Gaithersburg, MD 20899-8400.

1.2. NOMINATIONS FOR THE 2002 DISSERTATION AWARD IN NUCLEAR PHYSICS

The now annual prize, 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, and Juinn-Wei Chen.

Nature: The award consists of \$2000 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 September 2001.

Send before **1 July 2002** 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 Dr. Charles Glasshauser, Department of Physics, Rutgers University, 136 Frelinghuysen Road, Piscataway, NJ 08854-8019

1.3. 2002 DNP FALL MEETING EAST LANSING, MICHIGAN, 9-12 OCTOBER, D. J. Morrissey

The annual Fall Meeting of the Division of Nuclear Physics (DNP) will be held at the Kellogg Center on the campus of Michigan State University from Thursday, October 10th, through Saturday, October 12th. The meeting will return to the traditional format that opens with plenary session on Thursday, has a Town Meeting on Friday, and concludes on Saturday. Two topical workshops will be held in parallel on the preceding Wednesday. Updated information and registration is available via the conference web site <http://www.nsl.msu.edu/dnp02>

All abstracts must be submitted electronically through the APS system by July 1st, 2002. Undergraduate students are encouraged to contact W. Rogers rogers@westmont.edu about travel support through the Conference Experience for Undergraduates program.

Hotel

The Kellogg Center is fully reserved for the meeting and has 150 rooms available at the rate of \$82/night, plus taxes (single or double room). One hundred rooms are reserved at the East Lansing Marriott at the rate of \$104/night, plus taxes (single, double, or triple room). The walk through campus to the Marriott from the Kellogg Center takes ~15 minutes. An additional fifty rooms are reserved at the Hampton Inn at a rate of \$75/night, plus taxes (single or double room). The Hampton Inn is located ~3 miles north of the Kellogg Center on US-127. Car parking will be free for those staying at the Kellogg Center and will be available for \$5/day in a ramp adjoining the Kellogg Center.

All reservations should be made through the Kellogg Center reservation system, PHONE: 517/432-4000, TOLL-FREE: 800/875-5090, FAX: 517/353-1872. Please specify "APS-DNP meeting rate" and preferred hotel when making your reservation. The Kellogg Center accepts reservations over the web at <http://www.hfs.msu.edu/kellogg/>; be sure to include "APS-DNP" in the Additional Information section. Note that all reservations should be made by August 30th, 2002 in order to obtain these special rates.

A small number of dorm style rooms will be available in the Brody Complex across the street from the Kellogg Center at the rate of \$31.80 for a single room and \$42.40 for a double room. Please contact the conference secretary, S. Conroy, via email dnp02@nsl.msu.edu for information about dormitory room reservations.

Registration

Registration costs are indicated in the following table.

	Members	Non members	Students	Work shop
Early Reg. (by August 15 th)	\$135	\$300	\$60	\$30
Late Reg. (Aug. 16 th -Oct. 6 th)	\$185	\$350	\$75	\$45
On-site Reg.	\$235	\$400	\$90	\$50

The registration fee includes buffet lunch on Thursday, Friday, and Saturday served in the Big Ten Room at the Kellogg Center. No refunds will be made for missed meals. Early registration will end on August 15th, 2002 (note that this is approximately six weeks after the abstracts are due). A banquet will be held on Friday evening at an additional cost.

Meeting Structure

The meeting will consist of invited talks and minisymposia to be arranged by the DNP Program Committee at its Spring Meeting along with the traditional contributed talks. The regular meeting will be preceded by two all-day workshops that will run in parallel. One workshop is entitled “*The Future of Gamma-ray Spectroscopy*” and will be organized by T. Glasmacher (MSU), R. Janssens (ANL), and I-Yang Lee (LBNL). The other workshop is entitled “*Nuclear Astrophysics at the Limits of Stability*” and will be organized by H. Schatz (MSU) and M. Wiescher (Notre Dame). More information is available on the workshops from the organizers.

A reception and open-house will be hosted by the National Superconducting Cyclotron Lab on Wednesday evening. User-group or other satellite meetings can be accommodated on Thursday evening, please contact D.J. Morrissey by September 1st for meeting room reservations.

Venue and Transportation

The meeting will be held at the Kellogg Center on the campus of Michigan State University. Car parking for those not residing at the Kellogg Center will be available for a fee in a ramp adjoining the Kellogg Center. 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). The Grand Rapids, Kent County airport (code GRR) is approximately 65 miles away via Interstate-96-east. The Detroit Metropolitan airport (code DTW) is 90 miles away via Interstate highway I-94-west to I-275-north onto I-96-west.

Local Organizing Committee

W. Bauer, T. Glasmacher, P.F. Mantica, D.J. Morrissey (chair), H. Schatz, and B.M. Sherrill
 Conference Secretary: S. Conroy. Specific questions can be addressed via email to dnp02@nscl.msu.edu

Summary of Important Dates

Invited speaker nominations due **29 March 2002**. The deadline for submission of abstracts is **1 July 2002**. The meeting ID is DNP02. Instructions and templates can be obtained by sending an email message to abs-request@aps.org; enter *request DNP02* in the subject line and also in the body of the message. Direct web submission of abstracts thru www.aps.org is encouraged. Please note that the LaTeX-based processor properly handles **ONLY** the commands provided in the template.

The deadline for early registration is **15 August 2002**. Hotel reservations at the conference rate must be made by **30 August 2002**; note that the rooms at Kellogg Center itself will probably be booked out before this date.

14. FUTURE DNP FALL MEETINGS

2003	Oct. 29 – Nov. 1	Tucson, AZ
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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. The Maui meeting was an exception — no workshops but a four-day meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committees that these “workshops” 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.

15. FUTURE APS SPRING MEETING INFORMATION

2003	April 5 – 8	Philadelphia, PA
2004	May 1 – 4	Denver, CO
2005	April 16 – 19	Tampa, FL

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

16. PHYSICAL REVIEW NEWS

Three new *Physical Review Letters* Divisional Associate Editors have accepted 3-year terms to begin in January 2002:

Gerard van der Steenhoven (NIKHEF, Amsterdam, The Netherlands)
 Petr Vogel (CalTech, Pasadena, CA)
 Stephen J. Wallace (Univ. of Maryland, College Park, MD)

Five new PRC Editorial Board members have been appointed for three-year terms to begin in January 2002:

Simon Capstick (Florida State Univ., Tallahassee, FL)
 Enzo De Sanctis (INFN, Laboratori Nazionali di Frascati, Frascati, Italy)
 Alejandro Garcia (Univ. of Notre Dame, Notre Dame, IN)
 Dan-Olof Riska (Helsinki Inst. of Phys, Helsinki, Finland)
 Robert B. Wiringa (Argonne National Laboratory, Argonne, IL)

2) Departures from the PRC board

The DNP thanks the departing PRC Editorial Board members Michael C. Birse, Joseph A. Carlson, Stuart J. Freedman, Berndt Muller, and Paul J. Nolan for their service on the Editorial Board. The departing DAEs in nuclear physics are Naftali Auerbach, Dan Koltun, and Reinhard Schumacher, whom the DNP thanks for their service.

17. E-MAIL ADDRESS INFORMATION REQUESTED

The APS membership directory is online through the APS Web site (<http://www.aps.org>). Check your own address information — name of the service (directory) and the password (F=ma) are case sensitive. Most important, update your e-mail address. Despite being computer literate authors — some 85% of the submissions to *Phys. Rev. C* are compuscripts — DNP members do not outshine their fellow APS members in registering their e-mail addresses, although 94% of the DNP members do have an e-mail address listed with the APS. Is yours current?

Membership information can be updated by sending an e-mail message to "membership@aps.org" or directly on the Web.

18. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

The Division has continued the agreement with Annual Reviews, Inc., which will enable DNP members to obtain copies of the "Annual Review of Nuclear and Particle Science" at a 30% discount.

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 will be verified through the DNP prior to shipment of orders.

2002 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 44 and 45 are \$62/\$67 retail and \$43.40/\$46.90 for DNP members. Volume 46 is \$67/\$72 retail and \$46.90/\$50.40 for DNP members. 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.

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).*

19. FUTURE CONFERENCES

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

"Wigner Centennial Conference" 8-12 July, 2002, Pecs, Hungary, Contact: Zsuzsanna Marton, conference secretary, Institute of Physics, University of Pecs, H-7624 Pecs, Ifjusag utja 6., E-mail: wigner@quantum.ttk.pte.hu, WWW: <http://quantum.ttk.pte.hu/~wigner>

"2002 Photonuclear Reactions Gordon Research Conference" 18-23 August 2002, Tilton, NH Contacts: Betsy Beise, Daniel Phillips, Hans-Jurgen Arends, e-mail: grc2002@physics.umd.edu.

"The Second Asia Pacific Conference on Few-Body Problems in Physics (APFB02)" 27-30 August 2002, Shanghai, P.R. China, Contacts: Dazhen Jiang and Hongqiu Song, Shanghai Institute of Nuclear Research, CAS, P. O. Box 800-204, Shanghai 201800, Tel: ++86 21 59553476, Fax: ++86 21 59553021, E-mail: dzjiang@sinr.ac.cn or songhq@sinr.ac.cn WWW: <http://apfb02.sinr.ac.cn>.

XVIII European Conference on Few-Body Problems in Physics, 8-14 September 2002, BLED, SLOVENIA, Contact: Rajmund Krivec, J. Stefan Institute and University of Ljubljana, Jamova 39, POB 3000, SI-1001 Ljubljana, Slovenia, E-mail: fb2002@ijs.si, FAX: +386-1-477-3716, WWW: <http://fb2002.ijs.si>

"XVI Particles and Nuclei International Conference (PANIC02)," 30 September - 4 October 2002, Osaka, Japan. Chairs: Hiroshi Toki (RCNP) and Kenichi Imai (Kyoto), Contact: Tadafumi Kishimoto, Osaka University, WWW: <http://www.rcnp.osaka-u.ac.jp/~panic02>, listserver: panic02@rcnp.osaka-u.ac.jp; send a blank email with "subscribe" as the subject.

SYMPOSIA OF THE DNP April Meeting - Albuquerque, NM April 20 - 23, 2002 Albuquerque Convention Center

10:45 SATURDAY MORNING, 20 APRIL 2002
Mesilla (DNP)

C4. Recent Developments in Nuclear Theory, Chair: A. Mekjian, Rutgers Univ.

- A. Kurylov (Univ. of Connecticut), "Precision weak interaction measurements and Supersymmetry"
- F. Iachello (Yale Univ.), "Critical Point Symmetries in Nuclei and Other Quantum Systems"
- W. Bauer (Michigan State Univ.), "Conclusive Evidence for a Phase Transition in Nuclear Fragmentation"
- P. Kolb (Ohio State Univ.), "Hydrodynamic flow at RHIC"

10:45 SATURDAY MORNING, 20 APRIL 2002
Taos (DNP)

C10. Mini-symposium on Nucleon Structure in Exclusive Processes (I), Chair: R. Minehart

- S. Dytman (Univ. of Pittsburgh), "Nucleon Resonance Properties from Exclusive Interactions"

14:30 SATURDAY AFTERNOON, 20 APRIL 2002
Mesilla (DNP/DPF)

E4. Hadronic Physics in a New Era, Chair: Curtis A. Meyer

U. Thoma (Thomas Jefferson Natl. Lab), "Hadron Spectroscopy -- Where do we stand?"

T. Blum (RIKEN), "New Results in Lattice Gauge Theory"
J-C. Peng (Univ. of Illinois), "Structure of the Nucleon: Status and Prospects"

M. J. Savage (Univ. of Washington), "Effective Field Theories in Hadronic Physics"

10:45 SUNDAY MORNING, 21 APRIL 2002
Braza (DNP/DPF/FHP/FIP)

I3. Eugene Wigner Centennial. Chair: J. Ginocchio, J. Pálkás (Ministry of Education, Hungary) "Reforms of the Research and Higher Education Base in Hungary: Knowledge as a Resource in a Competitive World"

G. Marx (Eotvos Univ.) "Wigner in Hungary"
A. M. Weinberg (ORNL) "Eugene Wigner, The First Nuclear Reactor Engineer"

J. A. Wheeler (Princeton Univ./Univ. of Texas) "Wigner's Changing View of the Elementary Quantum Phenomenon"

M. Moshinsky (Instituto de Fisica-UNAM.) "Eugene Wigner and symmetries in physics"

10:45 SUNDAY MORNING, 21 APRIL 2002

Galisteo (DCOMP/DNP/DPF/DPB)

I7. The Science of Monte Carlo Simulations.

Chair: D. J. Dean

S. Gottlieb (Fermilab/Indiana Univ.) "Lattice QCD with Dynamical Quarks"

S. Zhang (College of William & Mary) "Quantum Monte Carlo for Electronic Systems"

Steven C. Pieper (ANL) "QMC Calculations of Light Nuclei"

S. Habib (LANL) "Stochastic Methods Employed in Beam Physics"

10:45 SUNDAY MORNING, 21 APRIL 2002

Taos (DNP)

I10. Mini-symposium on Nucleon Structure in Exclusive Processes. Chair: V. Burkert.

X-D. Ji (Univ. of Maryland) "Recent Progress in Studying Generalized Parton Distributions"

14:30 SUNDAY AFTERNOON, 21 APRIL 2002

Mesilla (DNP)

K4. The Structure of the Nucleon, Chair: K. de Jager

S. Jeschonnek (Ohio State Univ.) "Quark-Hadron Duality"

A. Semenov (Kent State Univ.) "The Neutron Charge Form Factor up to $Q^2 = 1.47 \sim (\text{GeV}/c)^2$ "

V. Punjabi (Norfolk State Univ.) "Proton Elastic Form Factor Ratio by Recoil Polarization to a Q^2 of 5.6 GeV^2 "

J. Ralston (Univ. of Kansas) "The Grand Journey from Form Factors to The Micro-Structure of Hadrons"

14:30 SUNDAY AFTERNOON, 21 APRIL 2002

Taos (DNP)

K10. Minisymposium on Nuclear Structure Near $N=Z$ and Neutron-Proton Correlations, Chair: J. A. Cizewski

S. M. Fischer (DePaul Univ. /ANL) "Neutron-Proton Correlations in $A \sim 80, N \sim Z$ Nuclei"

10:45 MONDAY MORNING, 22 APRIL 2002

Mesilla (DNP)

O4. Challenges for Effective Field Theory, Chair: S. Wender

H. W. Hammer (The Ohio State Univ.) "Few-Body Physics in Effective Field Theory"

M. Ahmed (Duke Univ.) "Low Energy Photodisintegration of the Deuteron and n-p Capture with Polarized Neutrons at HIγS/TUNL"

R. Machleidt (Univ. of Idaho) "Chiral Symmetry and the Nucleon-Nucleon Interaction: Recent Progress"

J. Matthews (MIT) "New Results for Neutron-Proton Bremsstrahlung"

10:45 MONDAY MORNING, 22 APRIL 2002

Galisteo (DNP)

O7. Mini-symposium on Underground Science, Chair: A. Balantekin,

W. Haxton (Univ. of Washington) "Progress toward a National Underground Science Laboratory"

14:30 MONDAY AFTERNOON, 22 APRIL 2002

Brazos (DNP)

S3. Division of Nuclear Physics Prize Session, Chair: J. Moss

J. D. Bowman (LANL) "Tom W. Bonner Prize in Nuclear Physics Presentation"

J-W. Chen (Univ. of Maryland) "Effective Field Theory for Nuclear Physics"

O. K. Baker (Hampton Univ./JLab) "Nuclear and Particle Physics Research"

G. Baym (Univ. of Illinois) "Exploring Matter Under Extreme Conditions"

08:00 TUESDAY MORNING, 23 APRIL 2002

Barzos (DNP)

U3. Parity Violation in Nuclear Physics, Chair: B. van Kolck

B. R. Holstein (Univ. of Massachusetts) "Hadronic Parity Violation: a Status Report"

T. Ito (California Inst. of Tech.) "Recent Results from the SAMPLE Experiment"

S. A. Page (Univ. of Manitoba) "Parity Violation in the Nucleon-Nucleon System: Recent Results and Future Prospects"

R. Schiavilla (Jefferson Lab/Old Dominion Univ.) "Weak Interaction Effects in Few-Nucleon Systems"

08:00 TUESDAY MORNING, 23 APRIL 2002

Taos (DNP)

U10. Mini-symposium on Hadron Structure with Spin Degrees of Freedom (I), Chair: J-P. Chen

T. Averett (College of William & Mary) "Overview of Hadron Structure Studies using Spin Degrees of Freedom"

11:00 TUESDAY MORNING, 23 APRIL 2002

Brazos (DNP)

X3. Physics at the Maximum Energy of the Relativistic Heavy Ion Collider, Chair: V. Greene

P. Stankus (ORNL) "Recent Results from the PHENIX Experiment"

J. H. Lee (BNL) "Latest Results from the BRAHMS experiment at RHIC"

M. Lisa (Ohio State Univ.) "Recent Results from the STAR Experiment"

B. Holzman (BNL) "Latest Results from the PHOBOS Experiment at RHIC"

11:00 TUESDAY MORNING, 23 APRIL 2002, Taos (DNP)

X10. Mini-Symposium on Hadron Structure with Spin Degrees of Freedom II, Chair: H. Gao,

M. Sargsian (Florida Intl Univ.) "Recoil Polarization Effects in Quark Rescattering Mechanism"

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