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

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**ACCOMPANYING THIS NEWSLETTER:**

- DNP Fall Meeting Housing and Registration Form
- DNP Nomination Ballot



**Future Deadlines**

- **22 June 1999** — User Group Deadline in order to appear in the October Bulletin
- **28 June 1999** — Nomination Ballot for DNP Elections
- **1 July 1999** — Contributed Abstracts, Santa Fe Fall Meeting
- **1 July 1999** — Nominations for Bonner Prize
- **1 July 1999** — Nominations for Bethe Prize
- **1 July 1999** — Nominations for Dissertation Award
- **15 August 1999** — Asilomar Deadline

**WWW Home Page for DNP**

A worldwide web home page for the Division of Nuclear Physics is currently available at "<http://www.phy.anl.gov/dnp/>". Each newsletter is posted on the web, in advance of the copy you receive in the mail. Other information of interest to DNP members, such as deadlines for meetings, prizes, nomination forms, and special announcements are listed there as well. We would like to hear your comments and suggestions. Please send them to Bob Wiringa at "[dnp@theory.phy.anl.gov](mailto:dnp@theory.phy.anl.gov)".

**1. DNP COMMITTEES**

**Executive Committee**

Walter F. Henning, ANL, Chair (1999)  
R. G. Hamish Robertson, U. Washington, Chair-Elect (1999)  
Joel M. Moss, LANL, Vice Chair (1999)  
Stuart J. Freedman, UCB/LBNL, Past Chair (1999)  
Benjamin F. Gibson, LANL, Secretary-Treasurer (1999)  
John P. Schiffer, ANL, Div. Councilor (December 1999)  
J. Dirk Walecka, College of William & Mary, Div. Councilor (December 2001)  
Christopher R. Gould, NCSU (2000)  
Richard G. Milner, MIT (1999)  
Robert P. Redwine, MIT (1999)  
Brian D. Serot, Indiana U. (2000)

T. James M. Symons, LBNL (2000)  
John F. Wilkerson, U. Washington (1999)

**Program Committee**

R. G. H. Robertson, U. Washington (Chair)  
Joel M. Moss, LANL (Vice Chair)  
W. F. Henning, ANL (Past Chair 1998)  
S. J. Freedman (Past Chair 1997)  
B. F. Gibson, LANL (Secretary-Treasurer)  
C. Britt, LLNL/NSF  
T. Glasmacher, MSU  
E. V. Hungerford, U. Houston  
C. Johnson, LSU  
K. T. Lesko, LBNL  
N. C. R. Makins, U. Illinois  
H-O. Meyer, Indiana U.  
F. Myhrer, U S. Carolina  
S. A. Page, U. Manitoba  
M. Savage, U. Washington  
G. Savard, ANL  
R. K. Seto, UC Riverside  
S. J. Wallace, U. Maryland  
R. R. Whitney, TJNAF

*Remaining committees will appear in the August newsletter.*

**INSIDE . . .**

- **Call for Officer Nominations**
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## 2. NOMINATIONS OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2000

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 spring meeting in Long Beach, California, April 2000. Hamish Robertson will become Chair, Joel Moss will become Chair-Elect, and Chris Gould, Brian Serot, and James Symons will remain members of the Executive Committee. A Vice-Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected before April 2000.

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. It should be received by **Benjamin F. Gibson** on or before **28 June 1999** in order to be counted. The DNP bylaws require that a nominee proposed for a given post by not fewer than one-fiftieth of the members (50 for this election) shall be deemed nominated to that post.

If you are a DNP member, please exercise your right to nominate candidates for the upcoming DNP elections. In 1998 there were only 92 nomination forms received by the Secretary-Treasurer. More members vote in the DNP elections, but for 1998 only about 700 election ballots were mailed in by members. **It is important to vote!**

<b>CALL FOR 1999 PRIZE/AWARD NOMINATIONS</b>
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## 3. NOMINATIONS FOR THE 2000 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 and E. E. Salpeter.

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 1999** to: Prof. J. D. Walecka, Department of Physics, College of William & Mary, P.O. Box 8795, Williamsburg, VA 23187-8795.

## 4. NOMINATIONS FOR THE 2000 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, and V. R. Pandharipande.

The purpose of this prize, which currently consists of \$5,000 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 will 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 1999** to: Prof. Sam M. Austin, NSCL, Michigan State University, East Lansing, MI 48824-1321.

## 5. NOMINATIONS FOR THE 2000 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, and Eric Hawker.

**Nature:** The award consists of \$1000 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 1999.

Send before *1 July 1999* the nomination of the proposed candidate, an up to four page summary of the thesis research, a statement of his/her contribution to the research as well as that of others and a letter of support from the physicists who are familiar with the candidate and the research. Copies of the thesis may be requested for the five committee members after initial screening. The required materials for each nominee should be sent to Dr. W. F. Henning, Physics Division - 203, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439.

**6. 1999 PRIMAKOFF LECTURER NAMED**

Ben Mottelson was named by the APS to give the third annual Primakoff Lecture at the 1999 APS/AAPT Spring Meeting in Atlanta, Georgia.

The Primakoff Lectureship is, as are the analogous Beller and Marshak Lectureships, designed to bring stellar speakers to APS meetings. The endowed fund pays for the speaker's travel and accommodations plus provides a modest honorarium. The talk is identified at the APS meeting by the Lectureship name.

The APS Primakoff Lectureship was initiated in 1997. C. N. Yang was the first speaker in the series. Friends of Primakoff at the University of Pennsylvania endowed the fund. They also have a similar long standing lecture series running at the University, which has sponsored many exceptional speakers over the years. Peter Rosan introduced the 1999 Primakoff Lecture, which was presented in the DNP Centennial Symposium "The Atomic Nucleus: A 20th Century Journey into the Microcosm of Matter."

**7. FUTURE DNP FALL MEETINGS**

2000	October 4-7	Williamsburg, VA
2001	October	Hawaii

The dates include the Wednesday "workshops," which are 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.

**8. FUTURE APS SPRING MEETING INFORMATION**

2000	April 29 - May 2	Long Beach, CA
2001	April	Washington, DC

The 2000 meeting will be on the west coast, in Long Beach, California. The site for the 2001 April meeting will be the Renaissance in Washington, DC.

**9. DNP BUSINESS MEETING AT THE APS CENTENNIAL, ATLANTA, GA, 25 MARCH 1999**

The Business Meeting of the DNP was held at 16:30 on Thursday, 15 March, in Room 202E of the Georgia World Convention Center immediately following the DNP Prize Session at the APS Centennial Meeting. Stuart Freedman congratulated the Bonner Prize winner Vijay R. Pandharipande, the Dissertation Award winner Eric Hawker, and the Bethe Prize winner E. E. Salpeter. Fellowship certificates were presented to Joe Carlson, Marie-Agnes Deleplanque, Jacek Dabrowski, Paul Ellis, Alejandro Frank, Gerald Hoffmann, David Kaplan, Pat McGaughey, Karl Rehm, Brad Sherrill, Paul Souder, Werner Tornow, and Michael Wiescher.

Stuart Freedman provided a brief summary of DNP committee activities, including the Congressional Receptions to be held jointly with the DPF on 11 May. He reminded the DNP members that it is nomination time, for DNP officers. (See item 2 of the newsletter.) Stuart then thanked his fellow officers and the DNP Executive Committee with whom he had worked during his tenure as Chair and turned the meeting over to the 1999 Chair, Walter F. Henning. 1999 Program Chair Hamish Robertson summarized plans for the 1999 Fall Meeting in Asilomar. (See item 10 of the newsletter for details.)

S. Peter Rosen from the Office of Science of the Department of Energy spoke about the future of research, emphasizing the new thrust in computing. Reports from Dennis Kovar of the DOE Division of Nuclear Physics and Brad Keister of the NSF Physics Division provided a summary of the status of funding.

**10. DNP FALL MEETING AT ASILOMAR, 20-23 OCTOBER 1999**

*General Information*

The Annual Fall Meeting of the Division of Nuclear Physics will be held 20-23 October at the Asilomar Conference Center in Pacific Grove, California. The Asilomar Conference Center is a unit of the California State Park System and occupies 109 secluded acres of pines and sand dunes along the Pacific Ocean's edge of the Monterey Peninsula. Asilomar is noted for the beauty of its natural setting -- its wind-twisted trees, the rolling, shifting dunes, and the mighty Pacific breakers beating against the shoreline -- and for its casual environment that fosters discussion and creativity. Asilomar is close to cultural and scenic attractions of the Monterey Peninsula, including Pt. Lobos, 17-Mile Drive, Carmel Mission, Big Sur State Park, Steinbeck's Cannery Row and Fisherman's Wharf, and the world famous Monterey Bay Aquarium.

*Meeting Program*

The main divisional meeting, held Thursday through Saturday, will consist of a plenary session, five other sessions of invited papers, and approximately 30 sessions of contributed papers. Overhead projectors and screens will be provided for all sessions. Slide projectors will be available for invited talks upon request. The division will continue its precedence of DNP "town meetings" and meetings of major facility users groups.

As part of a continuing effort to provide timely information to the DNP membership and to provide an open forum for public comment on issues affecting the entire field, the Division will hold a "town meeting" style business meeting on Friday afternoon in Merrill Hall. It is anticipated that a report on NSAC activities and updates from the

funding agencies (DOE and NSF) will be presented. The floor will be open for discussion on current issues of concern to the field, such as future directions, support, education and training of physicists, public relations, and interfaces with other fields.

### **Workshops**

On Wednesday (**October 20**) preceding the main meeting two workshops will be held at the Asilomar Conference Center. These two workshops run in parallel and are specifically aimed at graduate students or postdocs (or more mature physicists wanting to expand their horizons) wishing to learn about promising new frontiers in the field of nuclear physics. Registration in the Main Administration Building will begin on **19 October** after **15:00**. Registration for the main meeting may also be accomplished at this time.

The first workshop, entitled "Quark and Lepton Mixing: the CKM Matrix and Beyond," has been organized by Brian Fujikawa, chair (LBNL), John Beacom (Caltech), Alan Poon (LBNL), and Tom Steiger (University of Washington). This workshop is designed to give a pedagogical introduction to quark and lepton mixing, with an emphasis on the low energy road to physics beyond the Standard Model.

The second workshop, entitled "Structure Functions of Heavy Nuclei at RHIC," has been organized by Spencer Klein (LBNL), and Ramona Vogt (LBNL and UC Davis), co-chairs. This workshop will teach physicists with diverse backgrounds about nuclear structure functions that are important for understanding the physics made available by the new energy offered at RHIC.

### **User Group Meetings**

Users' Groups who wish to hold meetings during the Annual Conference should contact Mollie Field ([mofield@lbl.gov](mailto:mofield@lbl.gov)) before **August 15, 1999**. Conference Center rules governing refreshments have changed and are now very strict. It is important that user group liaisons contact Mollie Field to obtain prices and menus for refreshments. Meeting rooms will be assigned on a first come basis.

### **Registration and Accommodations**

On-site registration for the meeting will take place in the Main Administration Building between **7:30-20:00** on Wednesday, **October 20** and between **7:30-14:00** on **October 21**. Registration, thereafter, will continue at the DNP on-site Headquarters.

The pre-registration fees are **\$125.00** for **DNP** members, **\$250.00** for **non-DNP** members, **\$30.00** for **students**, and **retired** and **unemployed members**, and **\$226.00** if you wish to pre-register and join the APS and DNP. A pre-registration form is enclosed. The cost of the workshop is an additional \$30.00. The cost of registration will increase after the pre-registration date of **August 15, 1999**.

Housing, limited to about 600 participants, has been reserved at Asilomar and is in both "historic" and "deluxe" accommodations. Single accommodations (one person per room) at Asilomar are **extremely limited**. Special requests may be made by contacting Mollie Field in the Conference Coordination Group at Lawrence Berkeley National Laboratory. For those individuals unable to acquire accommodations at Asilomar, off-site housing is available at nearby hotels. Please contact Mollie Field for a current listing of these hotels.

A facility day-user's fee of \$50.00 per day will be charged to those participants staying off site. This fee allows access to all meeting and

recreational facilities at Asilomar and three meals per day. No refunds can be provided for missed meals or attendance of the meeting.

The package rates (refer to enclosed registration form) include lodging fees and meals (from dinner on Wednesday, October 20 through lunch on Sunday, October 24). The additional amount for the workshop (the night of October 19 and dinner through lunch) is also indicated on the form. Please note that the fees given are per person. Asilomar can accommodate many dietary preferences with adequate notice on the registration forms. In addition, to assist with departure on Sunday, Asilomar can arrange a "box lunch" on the final day of the meeting if the participants choose to explore the surrounding environs or wish an earlier start.

Accommodation fees at Asilomar are sold as a package. No refunds can be made for late arrival, early departure or missed meals. Cancellation of registration or accommodation fees must be received in writing, before **September 3, 1999**. Cancellations received after **September 3, 1999** may not be refunded. A \$50.00 handling charge will be incurred by any cancellation.

Each participant should complete a registration/housing form. If you do not include the name of a preferred roommate, the conference staff will assign one. If a guest accompanies you, please use the same form for housing for yourself and your guest. Please check the appropriate box on the form and include your guest's name. Guests do not have to pay conference registration fees.

Asilomar gives special discounts for children ages 3-17 sharing the same room with their parents. Please contact Mollie Field for information about these fees.

To receive the pre-registration fees and to ensure accommodations at Asilomar, the enclosed Registration/Housing form must be received by **August 15, 1999**. Housing is assigned on a first come basis and there is no guarantee that rooms will be available after **August 15**. Additional information concerning the conference can be found at the conference website: [www-DNP99.lbl.gov/dnp99](http://www-DNP99.lbl.gov/dnp99). Please mail or fax the enclosed form to the address below:

APS/DNP 1999 Conference Coordinator  
Lawrence Berkeley National Laboratory  
1 Cyclotron Road, MS 936A  
Berkeley, CA 94720 USA

Phone: 510-486-6386  
Fax: 510-486-7772  
Email: [mofield@lbl.gov](mailto:mofield@lbl.gov)

### **Special Events**

A welcoming reception is planned for Wednesday evening, 20 October. A banquet at Asilomar is planned for Friday evening, 22 October, followed by a visit to the Monterey Bay Aquarium. No formal Companion's Program is planned during the meeting, but information about the Monterey area will be available on our website and at the conference. Local park rangers will provide informative guided tours of the Asilomar site.

### **Access to Asilomar**

The nearest airport is the Monterey airport, a one-hour flight from the San Francisco Bay Area's three international airports (San Francisco, Oakland, and San Jose). Participants are advised to make these reservations as part of their itinerary. Ground transportation will not be

provided by the DNP from the San Francisco region to Monterey. Transportation from Monterey Airport to Asilomar can be arranged by limousine or taxi.

The three major airports have automobile rental counters. Monterey is approximately a 2.5 to 4 hour drive depending on commute conditions and arrival airport. There are several routes from the San Francisco Bay area to Monterey -- the central route following Highway 101 south through San Jose and Salinas. In Salinas turn west on Highway 156, which connects to Highway 1. Follow Highway 1 south toward Carmel. Follow the signs to Pacific Grove/Pebble Beach on Highway 68. After entering Pacific Grove turn left onto Sunset Drive. After several blocks turn right onto Asilomar Blvd. The conference grounds are on your left. Alternatively you can elect to follow Highway 17 over the coastal mountains to Highway 1, following Highway 1 south to Carmel and following the directions above to Asilomar. A map is included on our website.

### **Local Committee**

Members of the local organizing committee are Kevin T. Lesko (chair), Brian Fujikawa, Spencer Klein, Augusto Macchiavelli, and Doug Olson of Lawrence Berkeley National Laboratory.

### **Paper Submission**

Abstracts received via postal mail will be accepted. However, only the title and authors of the paper will appear in the printed version of the Bulletin and on the World Wide Web version of the Bulletin.

Please follow the instructions for the preparation of paper abstracts as they appear in each issue of APS Meeting News. Please send these abstracts to:

Meeting Abstracts – DNP Meeting  
 APS Meetings Department  
 One Physics Ellipse  
 College Park, MD 20740-3844

Please do NOT also send a paper abstract if you are submitting your abstract electronically. All abstracts must be at the headquarters office by the deadline date. APS assumes no responsibility for mail delays. Receipt of paper abstracts will not be confirmed unless accompanied by a self-addressed stamped envelope

### **DNP98 Sorting Categories:**

1. Nuclear Astrophysics
2. Electroweak Interactions
3. Electromagnetic Interactions
4. Ultrarelativistic Heavy Ions
5. Nuclear Reactions: Heavy-Ions/Radioactive Beams
6. Nuclear reactions: Hadrons/Light Ions
7. Nuclear Structure
8. Instrumentation
9. Sub-Nucleonic Degrees of Freedom
10. Nuclear Theory
11. Applications of Nuclear Physics
- 12a. Mini-Symposium A: Next Generation Fundamental Physics Experiments with Cold Neutrons
- 12b. Mini-Symposium B: Science with Next Generation Radioactive Beam Facilities
- 12c. Mini-Symposium C: Shell Model — Past, Present, and Future
- 12d. Mini-Symposium D: New N\* Results

### 13. Other

## **11. FALL MEETING MINI-SYMPOSIA**

Mini-Symposia will again be a part of the 1999 Fall Meeting at Asilomar. Mini-Symposia are focused sessions in which an invited speaker sets the tone for the topic, provides an overview and introduction, highlights new developments, etc. That talk is followed by related contributed papers. Abstracts are submitted in the usual manner; that is, abstracts are submitted to APS HQ electronically as indicated in the instructions in this Newsletter.

To insure that your abstract is considered for the Mini-Symposia in which you wish to participate, it is necessary that your abstract be identified with the appropriate code as indicated below. There is no guarantee that all abstracts submitted for a given Mini-Symposium can be accommodated in that contributed paper session. In the event that more abstracts are received than can be accommodated, the additional abstracts will be assigned to another related contributed paper session.

ID	Session Title	Organizers
12a	Next Generation Fundamental Physics Experiments with Cold Neutrons	Shelley Page
12b	Science with Next Generation Radioactive Beam Facilities	Guy Savard (Shelley Page)
12c	Shell Model — Past, Present, and Future	Calvin Johnson
12d	New N* Results	Roy Whitney

Any questions regarding the topics should be directed to the session organizers, who are members of your DNP Program Committee.

## **12. WEB SUBMISSION OF CONTRIBUTED ABSTRACTS**

If you would like to be able to view your abstract on the screen as it will (hopefully) appear in the Bulletin, then try the new web submission procedure instituted by the APS. While it is true that 99% of contributed abstracts for APS and DNP meetings are submitted electronically, 20% contain errors. Another 5% are sent to the wrong address or the wrong meeting. On-line web submission can solve those problems as well as streamline the process. (In addition to accepting abstracts, the on-line submission page also permits abstract submitters to notify the APS of abstract withdrawals.)

To submit an abstract using the on-line web submission procedure, an author must know two things:

1. The number and the ordering of authors and collaborations;
2. What is to be said in the abstract.

The web page will guide you through the rest. (If your abstract includes Greek, math, or special symbols, you will need to use LaTeX to format them, but there is URL (on-line) help. For a list of most frequently used LaTeX symbols, try <http://www.aps.org/meet/instruc.html>.)

Try a test submission before submitting. Sign onto <http://abstracts.aps.org> and select the meeting TEST. Follow the directions on-line to create a practice abstract.

For the real thing, the DNP fall meeting at Asilomar will have the ID DNP99.

### 13. PRC GOING E-FIRST IN JULY, 1999, S. M. Austin

Beginning with Volume 60 Issue 1 (July 1999), *Physical Review C* will be published electronically one article at a time, each article appearing soon after the page proofs are returned by the authors and prepared for electronic publication. As a result, articles will start appearing ('e'-first) in the on-line version of the journal several weeks before the complete issue is available on-line or in print. Each article will be published e-first in its final form, including the bibliographic citation.

A change in the bibliographic citation is required, so that the same citation can be used for the e-first article and for the article in print, while keeping a division into subject sections. An article ID number replaces the familiar page number. The six-digits in the article ID are a 2+2+2-digit code designating the issue number, section-heading number, and the article sequence number (under a particular heading). This scheme has been used in PRD since July 1998.

For example, in next July's issue (01), the third article (03) in the Nuclear Astrophysics section (section-heading number 58) will be cited as *Phys. Rev. C* **60**, 015803 (1999). While this scheme seems unusual at first, it offers significant flexibility — it permits one to append the latest article on a given subject to the end of the appropriate subject heading, rather than at the end of the issue. In use the reader will notice little difference, since the article numbers increase monotonically in the final index. Individual articles will be paginated (e.g., if the article above had 9 pages, page numbers would run from 1 to 9 — these numbers are for convenience and are not part of the bibliographic citation).

Since *Rapid Communications and Brief Reports* will also be ordered by topic, authors will select a subject heading or section number for all types of papers. However, only for regular articles will the subject headings appear explicitly in the table of contents.

You can visit PRC on-line via the journal home page at [prc.aps.org](http://prc.aps.org) in June and watch the partial July issue appear and grow.

### 14. REPORT FROM THE DNP PUBLIC INFORMATION COMMITTEE, B. C. Clark

At the 1998 Spring APS meeting the Executive Committee agreed to form a DNP Public Information Committee. The committee's charge is to improve the visibility of nuclear physics research, especially in the public media; to make known the outreach activities of the DNP; and to try to bring to the attention of the funding agencies and congress the successes of nuclear physics research and the important role that the community plays in the education of young scientists, the security of the nation and the health of the U.S. and global economy.

In addition to the DNP officers the committee members are: Sam Austin, Betsy Beise, Tom Bowles, Bunny Clark (Chair), John Cramer, Gerry Garvey, Tim Hallman, Ernest Henley, Kevin Lesko, and Mark Riley.

One committee activity is a congressional reception, which will take place on May 11 in Washington DC. This will be co-hosted by the DPF and the DNP. The committee received sound advice from Dr. Mike Lubell, director of APS Public Affairs office, as well as from the Agency representatives, relating to funding of nuclear physics and science in general. Both Dr. Keister, NSF and Dr. Kovar, DoE mentioned the importance of sending them exciting physics news. They also requested that people be reminded that it helps to give the funding

agencies credit for supporting the research — in talks as well as in publications.

In addition, Dr. Philip Schewe, Director of the AIP Public Information Office, has acted as a committee advisor, providing excellent suggestions for improving our public image. We wish to share his recommendations with the DNP membership. As reported by DNP Chair Stuart Freedman at the Centennial DNP Business Meeting, we have had success in getting more media attention when committee members followed his advice.

Suggestions from Philip Schewe, AIP Public Information Office:

- Utilize your University or Laboratory Public Relations Offices. Try to involve them in the research that you are doing.
  - At least one month before the DNP Fall meeting and the APS Spring meeting, send Philip Schewe and Ben Stein a message giving recommendations for meeting talks which will present new and exciting physics. For example, "announcements" of new results. The e-mail address is [pschewe@aip.acp.org](mailto:pschewe@aip.acp.org). Please copy [bcc@mps.ohio-state.edu](mailto:bcc@mps.ohio-state.edu).
- Send the abstracts and provide any other available write-up of the material and of public interest topics related to the talk. Include an explanation of why this is interesting. References, URLs, e-mail address for the authors, etc., should be sent, so that the AIP Public Information Office can follow up.
- Encourage collaborations to write lay language versions of their results. Schewe noted that this is being done by the large HEP collaborations and it is effective.
  - Provide AIP with good links to nuclear physics sites. Then Schewe will put them up on the AIP site.

The committee welcomes suggestions and exciting news from the DNP membership. Please send your comments and suggestions to Bunny Clark, Department of Physics, 174 W. 18th Ave. The Ohio State University, Columbus, OH 43210-1106 or send e-mail to [bcc@mps.ohio-state.edu](mailto:bcc@mps.ohio-state.edu).

### 15. 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 when purchased through the DNP Secretary-Treasurer, Benjamin F. Gibson, Los Alamos National Laboratory, DNP, MS B283, Los Alamos, NM 87545.

**1998 Prices:** The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 12–29 and 31–41 are \$55/\$60 retail and \$38.50/\$42 for DNP members. Volumes 42 and 43 are \$59/\$64 retail and \$41.30/\$44.80 for DNP members. 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 and 48 are \$70/\$75 retail and \$49/\$52.50 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

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## 16. FUTURE CONFERENCES

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

**“50 Years of the Nuclear Shell Model, Present Status and Future Trends,”** 3–5 June 1999, Heidelberg, Germany. Contact: Joerg Huefner, Institute for Theoretical Physics, University of Heidelberg, Philosophenweg 19, D-69120 Heidelberg, Germany Telephone: +49-6221-549 440 (secretary: -431, Fax: -331), e-mail: joerg.huefner@urz.uni-heidelberg.de WWW: <http://frodo.tphys.uni-heidelberg.de/shell99.html>.

**“The XVth Particles and Nuclei Interactions Conference (PANIC99),”** 10–16 June 1999, Uppsala, Sweden. Contact: Sven Kullander, Department of Radiation Sciences, Box 535, S-751 Uppsala, Sweden, e-mail: panic99@tsl.uu.se, Telephone: +46 18 471 3848 (Fax 3833), WWW: <http://www.tsl.uu.se/panic99>.

**“Gordon Research Conference on Nuclear Chemistry,”** 13–18 June 1999, Colby Sawyer College, New London, New Hampshire. Contact: I-Yang Lee, Nuclear Science Division, Building 88, Lawrence Berkeley National Laboratory, Berkeley CA 94720, e-mail: IYLee@lbl.gov, WWW: [http://www.grc.uri.edu/grc\\_home.htm](http://www.grc.uri.edu/grc_home.htm).

**“CLUSTER ’99 — 7th International Conference on Clustering Aspects of Nuclear Structure and Dynamics,”** 14–19 June 1999, Rab, Island of Rab, Croatia. Contact: Z. Basrak and R. Čaplar, Chairmen, Institute Rudjer Boškovic, P.O.Box 1016, HR - 10 001 Zagreb, Croatia. Telephone: +385 1 4561 169, Fax: +385 1 4680 239, e-mail: icc99@irb.hr, WWW: <http://icc99.irb.hr>.

**“Facing The Next Millennium,”** 21–26 June 1999, Seville, Spain. Chairpersons: B. Rubio (Valencia), M. Lozano (Sevilla), Conference Secretary: Ms. Rocio Peinado, PROCONSUR, Avda. San Francisco Javier 15, 4=AA, E-41005 Seville, Spain, Telephone: +34-95-492 27 55, Fax: +34-95-492 30 15, e-mail: nuclear.proconsur@svq.servicom.es, WWW: <http://www.cica.es/aliens/ENPE99/>.

**“1999 Gordon Research Conference: Dynamics of Simple Systems in Chemistry and Physics,”** 11–16 July 1999, Salve Regina University, Newport, Rhode Island. Chair: Colston Chandler, e-mail: chandler@unm.edu; Vice Chair: Paul Julienne, e-mail: paul.julienne@nist.gov; WWW: <http://tangelo.phys.unm.edu/~chandler/gc.html>. Program: The focus is on few-body problems in atomic, molecular, chemical, and nuclear physics. As is traditional, about 40% of the talks are in the field of nuclear physics.

**“Eighth International Symposium on Meson-Nucleon Physics and the Structure of the Nucleon (MENU99),”** 15–21 August 1999, Zuoz, Engadine, Switzerland, Conference Secretary: Christine Kunz, Paul Scherrer Institut, WHGA/138, CH-5232 Villigen PSI, Switzerland, Fax:

+41 (0)56 310 3294, e-mail: Christine.Kunz@psi.ch, WWW: <http://www1.psi.ch/~bader/menu99.html>.

**“The Tenth International Conference on Recent Progress in Many Body Theories,”** 10–15 September 1999, Seattle, Washington. Address: MANY BODY X, c/o Aurel BULGAC, Department of Physics, University of Washington, P.O. Box 351560, Seattle, WA 98195-1560, USA, Fax: 206-685-9829, e-mail: mbx@phys.washington.edu, WWW: <http://www.phys.washington.edu/~mbx>. Conference advertising, correspondence, registration, etc. will be done electronically through <http://www.phys.washington.edu/~mbx>.

**“1st Asia-Pacific Conference on Few-Body Problems in Physics (APFB99),”** 23–28 August 1999, Noda/Kashiwa, Japan. Contact: APFB99 Conference Secretariat (c/o) Dr. Souichi Ishikawa, FRCCS, Science University of Tokyo, 2641 Yamazaki, Noda, Chiba 278-8510, Japan, e-mail: apfb99@ph.noda.sut.ac.jp, Fax: +81-471-23-9361, WWW: <http://www.rs.noda.sut.ac.jp/~oryu/CONF/conf.html>.

**“Tenth International Symposium on Capture Gamma-ray Spectroscopy and Related Topics,”** 30 August – 3 September 1999, Santa Fe, New Mexico. Contact: Audrey Archuleta, Telephone: 505-665-1010, Fax: 505-667-8830, e-mail: cgs10@lanl.gov, WWW: [lansce.lanl.gov/conferences/cgs](http://lansce.lanl.gov/conferences/cgs).

**“4th International Conference on Nuclear Physics at Storage Rings (STORI99),”** 12–16 September 1999, Bloomington, Indiana. Contact: Sharon Herzel, e-mail: stori99@iucf.indiana.edu.

**“Tenth International Symposium on Reactor Dosimetry,”** 12–17 September 1999, Osaka, Japan. Contact: D. W. Vehar, Sandia National Laboratories, MS-1142, P. O. Box 5800, Albuquerque, NM 87185-1142, Telephone: 505-845-3414, Fax: 505-844-0798, e-mail: dwvehar@sandia.gov, WWW: [www.sandia.gov/events/isrd99](http://www.sandia.gov/events/isrd99).

**“Atomic Physics at Accelerators: Laser Spectroscopy and Applications (APAC 99),”** 19–24 September 1999, Mainz-Budenheim, Germany. Contact: Gerd Passler, e-mail: gerd.passler@uni-mainz.de, Fax: +49-280-2961313, WWW: <http://www.uni-mainz.de/APAC99>.

**“1999 Four Corners Section Meeting of the APS,”** 1–2 October 1999, University of Arizona, Tucson, Arizona. Contact: Bruce Barrett (bbarrett@physics.arizona.edu) or J. D. Garcia (jdg@physics.arizona.edu). Mailing Address: Department of Physics, P.O. Box 210081, University of Arizona, Tucson, AZ 85721.

**“International Mini-Symposium on Nuclear Level Densities,”** 18–19 October 1999, Livermore, California. Conference Secretary: Ms. Kellie Vincent, Lawrence Livermore National Laboratory, L-414, P.O. Box 808, Livermore, CA 94551, e-mail: vincent6@llnl.gov, WWW: [http://www-phys.llnl.gov/N\\_Div/level\\_density\\_symp](http://www-phys.llnl.gov/N_Div/level_density_symp).

**“16th International Conference on Few-Body Problems in Physics,”** 6–10 March 2000, Taipei, Taiwan. Contact: Prof. S. N. Yang, FB16, Department of Physics, National Taiwan University, Taipei 106, Taiwan. Telephone: +886 2 2362-7007, Fax: +886 2 2363-9984, e-mail: FB16@phys.ntu.edu.tw, WWW: <http://www.phys.ntu.edu.tw/English/FB16/>.

**“The 7th Conference on Intersections Between Particle and Nuclear Physics CIPANP – 2000,”** 22–28 May 2000, Quebec City, Canada, Stanley Kowalski, Chair. Contact: Anne B. MacInnis, MIT-Bates, P.O. Box 846, Middleton, MA 01949 USA. e-mail: macinnis@mit.edu, Telephone: 617-253-9285, Fax: 617-253-9599, WWW: <http://CIPANP.mit.edu>.

**“PINGST 2000: Selected Topics of N=Z Nuclei,”** 6–10 June 2000, Lund, Sweden. Contact: Dirk Rudolph, Department of Cosmic and Subatomic Physics, Lund University, Box 118, S-22100 Lund, Sweden. Telephone: +46 46 2227633, Fax: +46 46 2224015, e-mail: pingst2000@kosufy.lu.se, WWW: http://wwwnsg.kosufy.lu.se/pingst2000/.

**“The Seventh International Conference on Nucleus-Nucleus Collisions,”** 3–7 July 2000, Strasbourg, France, at the “Palais des Congres.” Contact: Volker Metag, e-mail: NN2000@ ganil.fr, WWW: http://www.gsi.de/NN2000.

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