



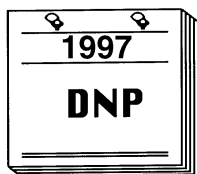
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**TO: Members of the Division of Nuclear Physics, APS**  
**FROM: Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP**

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**ACCOMPANYING THIS NEWSLETTER:**

- APS/AAPT Spring Meeting Speaker Nomination Form
- DNP Fall Meeting — Whistler, BC
  - Preamble
  - Advance Registration Form
  - Hotel Reservation Form
  - Maps of the Town of Whistler, B.C., with the location of location of the Chateau Whistler Resort
  - A Simple Road Map with the indication of Whistler relative to Vancouver and Vancouver International Airport
  - Airline Discount Flyer



**Future Deadlines**

- **5 September 1997** — Housing Deadline for Whistler Meeting
- **12 September 1997** — Last Day for Whistler “Special” Pre-Registration Rates
- **10 October 1997** — Spring Meeting Speaker Nominations

**WWW Home Page for DNP**

A worldwide web home page for the Division of Nuclear Physics is currently available at "<http://nuclth.physics.wisc.edu/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 Baha Balantekin at "[dnp@nuclth.physics.wisc.edu](mailto:dnp@nuclth.physics.wisc.edu)".

**1. DNP COMMITTEES**

**Executive Committee**

Bunny C. Clark, OSU, **Chair** (1997)  
Stuart J. Freedman, UCB/LBNL, **Chair-Elect** (1997)  
Walter F. Henning, ANL, **Vice Chair** (1997)  
L. L. Riedinger, Tennessee, **Past-Chair** (1997)  
Benjamin F. Gibson, LANL, **Secretary-Treasurer** (1997)  
Virginia R. Brown, NSF (**Past Secretary-Treasurer**)  
John Schiffer, ANL, **Divisional Councilor**  
(December 1999)

Peter Paul, SUNY at Stony Brook, **Divisional Councilor**  
(December 1997)

Thomas J. Bowles, LANL (1997)  
Jolie A. Cizewski, Rutgers (1998)  
Bradley W. Filippone, Caltech (1998)  
Claus-Konrad Gelbke, MSU (1998)  
Cathleen E. Jones, Caltech (1997)  
Berndt Mueller, Duke (1997)

**Program Committee**

S. J. Freedman, UCB & LBNL (**Chair**)  
W. Henning, ANL (**Vice-Chair**)  
B. C. Clark, OSU (**Past-Chair, 1996**)  
L. L. Riedinger, Tennessee (**Past-Chair, 1995**)  
B. F. Gibson, LANL (**Secretary-Treasurer**)  
S. Capstick, FSU  
R. Carlini, CEBAF  
D. Fossan, LBNL  
A. Garcia, Notre Dame  
J. D. Garrett, ORNL  
J. W. Harris, Yale  
S. Klein, LBNL  
J. Millener, BNL  
M. Ramsey-Musolf, INT and Connecticut  
S. Seestrom, LANL  
D. M. Skopik, Saskatchewan  
R. P. Springer, Duke  
W.T.H. van Oers, Manitoba  
G. D. Westfall, MSU  
J. F. Wilkerson, Washington  
S. W. Wissink, IUCF

**1998 Hans Bethe Prize Committee**

E. M. Henley, **Chair** (12/97)  
V. Trimble, **Vice Chair** (12/98)  
S. E. Woosley, **DAP member** (12/97)  
J. P. Schiffer, **DNP member** (12/98)  
H. A. Bethe, **“virtual” prize winner** (12/97)

**1998 Tom Bonner Prize Committee**

N. Benczer-Koller, **Chair** (12/97)  
P. Paul, **Vice Chair** (12/98)  
J. W. Harris (12/97)  
S. J. Wallace (12/98)  
R. G. H. Robertson (12/97)

**1998 Dissertation Award Committee**

B. C. Clark, **Chair** (1998)  
L. L. Riedinger, **Vice Chair** (1998)  
J. Rapaport (1998)  
J. J. Kolata (2000)  
H. R. Weller (2002)

#### 1998 Fellowship Committee

L. L. Riedinger, **Chair**  
A. B. Balantekin  
C. Glashauser  
R. F. Casten  
S. J. Seestrom

#### 1997 Nominating Committee

K. T. Lesko, **Chair**  
J. P. Schiffer  
B. V. Jacak  
M. J. Ramsey-Musolf  
B. D. Serot

#### 1997 Nuclear Funding Committee

L. L. Riedinger, **Chair**  
P. D. Bond  
J. M. Cameron  
B. C. Clark  
S. J. Freedman  
H. Grunder  
E. M. Henley  
W. F. Henning  
L. S. Schroeder

#### 1997 Education Committee

M. McMahan, **Chair**  
W. Bauer  
J. Cramer  
R. J. Furnstahl  
C. E. Jones  
M. Guidry  
J. O'Connell

#### 1997 Publications Committee

B. Mueller, **Chair**  
B. Filippone  
W. F. Henning

#### 1997 APS Nominations Committee

W. F. Henning, **Chair**  
S. J. Freedman  
R. N. Boyd  
J. A. Cizewski  
B. Mueller

#### 1997 Physics News Committee

S. J. Freedman, **Chair**  
W. F. Henning  
B. Filippone  
B. M. Sherrill  
M. A. Riley  
A. Garcia

#### Home Page Committee

T. J. Bowles, **Co-Chair**  
C. E. Jones, **Co-Chair**  
W. F. Henning  
A. B. Balantekin  
N. C. R. Makins  
R. B. Wiringa  
J. C. Davis

#### Centennial Committee

J. D. Walecka, **Chair**  
V. R. Brown, **Liaison**  
R. N. Boyd  
J. C. Davis  
B. F. Gibson

*Appointments of members to DNP committees are for one- or two-year terms. Division Councilors are elected for four-year terms. Executive and Program Committee dates correspond to the end of the term following the Spring Meeting except for Division Councilors, as indicated.*

## 2. SPRING APS MEETING AT COLUMBUS, OH, 18–21 APRIL 1998

The 1998 APS Spring Meeting will be held in Columbus, OH, April 18–21, Friday through Monday. The Division of Nuclear Physics will organize five sessions of invited papers for the Spring meeting. The 1997 Program Committee will arrange three sessions of invited papers on topics selected at their 2 October Whistler meeting. Suggestions for topics are welcome and should be sent with reasons for their choice to the 1997 Program Committee Chair, Stuart J. Freedman. Additional information such as proposed talks with names of possible speakers for “topical” sessions would also be useful. The remaining two sessions are selected by vote of the Program Committee from suggestions for individual speakers from the DNP membership. The composition of the “voted” sessions relies on the nominations from the entire DNP community; you are urged to participate in this process. The nomination form for individual speakers, which is included with this newsletter, should be mailed to Stuart J. Freedman as early as possible before the **10 October** deadline.

The Columbus meeting will provide an experimental test of a new general meeting format. Instead of joint sessions with other units, the early morning sessions will be of plenary format with general talks in the style of the very successful Tri-Divisional Colloquia, which W. Haxton has organized the past two years. The APS/AAPT Spring Meeting Program Committee agreed to try this DPF initiated proposal on a one-time trial prior to the break in spring meetings caused by the 1999 Centennial Meeting. Come and evaluate the experiment.

## 3. CALL FOR SPRING MEETING PLENARY SESSION SUGGESTIONS, B. C. Clark

At its April 21st meeting the Program Committee for the APS/AAPT 1998 Spring meeting approved having three plenary sessions at 8:30 a.m. on the first three days of the meeting (April 18–20). In order to have the broadest possible input for these new plenary sessions we ask each of you to send suggestions for speakers and topics. This will foment a good discussion of possible sessions at the next program committee meeting, 21 September.

One motivation for this new format is to engage more people in the excitement in all areas of physics. Talks on physics not generally included at the spring meeting, such as Condensed Matter Physics, Medical Physics, Environmental Physics, Biophysics, could be interesting candidates. Certainly, areas usually covered at the meeting are not exempt. Suggest the best and brightest for consideration. The successful Tri-Divisional Colloquia at the last two spring meetings could easily serve as a model. Because these are Plenary Sessions and

we seek to have a large number of people attend, we encourage you to suggest exceptional speakers and the most interesting "hot" topics.

Please send your suggestions to:

Paul Grannis (pgrannis@sunysb.edu) and  
Bunny Clark (bcc@mps.ohio-state.edu).

#### 4. FUTURE DNP FALL MEETINGS

1998	October 28–31	Santa Fe, NM
1999	October	Asilomar, CA
2000	October	Williamsburg, VA

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.

#### 5. NOMINATIONS FOR APS FELLOWSHIP

The procedure for the election of a Member to Fellowship is outlined in the Membership Directory of the APS under "Constitution and Bylaws." A nomination form, which cites the principal contributions of the candidates to physics, should be prepared and signed by two members of the society. The total number of members who could be elected to Fellowship in a given year is one half of one percent of the total APS membership.

The DNP deadline is normally *1 April*. Nomination forms are available from Peggy Mendoza, The American Physical Society, One Physics Ellipse, College Park, MD 20740-3843. Completed forms should be returned to Dr. J. Franz at the same address.

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 done at least one major, original work that has influenced his/her specialty in a significant way.

The list of APS Fellows (by APS subunit) elected in a given year 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.

The 1998 DNP Fellowship Committee is comprised of L. Riedinger (Chair), A. B. Balantekin, C. Glashauser, R. F. Casten, and S. J. Seestrom. The Fellowship Committee reviews the nominations for APS fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the DNP Executive Committee and then to APS Council for approval.

#### 6. FUTURE APS SPRING MEETING INFORMATION

1999	March 20–26	Atlanta, GA
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The 1999 Centennial celebration will be held 20–26 March in Atlanta. The first two days will be devoted to formal celebrations. The 22–26 March dates will correspond to an annual spring meeting. The year-long centenary celebration will begin in the fall of 1998 and continue until the summer of 1999. The APS will produce a "wall chart" for the Centennial. Bunny Clark will chair the 1999 meeting Program Committee. The APS contact for the Centennial celebration is Brian Schwartz; the chair of the DNP Centennial Committee is J. D. Walecka; the DNP/APS liaison is V. R. Brown.

#### 7. COLUMBIA UNIVERSITY SYMPOSIUM IN HONOR OF C. S. WU, W. Zajc

The Physics Department of Columbia University will host a symposium honoring the life and achievements of C. S. Wu on Friday, September 26, 1997. For details contact W. A. Zajc (zajc@nevis1.columbia.edu) or send a FAX to 914-591-8120.

#### 8. 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.

**1996-97 Prices:** The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 13–29 and 35–41 are \$55/\$60 retail and \$39/\$42 for DNP members. Volumes 42 and 43 are \$59/\$64 retail and \$42/\$45 for DNP members. Volumes 44 and 45 are \$62/\$67 retail and \$44/\$47 for DNP members. Volume 46 is \$67/\$72 retail and \$47/\$51 for DNP members. Volume 47 is \$70/\$75 retail and \$49/\$53 for DNP members.

Other Annual Reviews 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.annurev.org>. The Web site also features a fully searchable abstracts database for all Annual Reviews publications which allows visitors to search by author name or key words.

Payment (payable to the Division of Nuclear Physics-APS) must accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *Since 1 January 1991, all orders shipped to Canada require the addition of a 7% General Sales Tax.*

#### 9. FALL 1997 TARGET DATES FOR PROPOSAL SUBMISSIONS TO THE DIVISION OF PHYSICS OF THE NSF, V. R. Brown

On the basis of the success of last year's target-date experiment, which was designed to improve the Division's management of proposals, and to allow us, where appropriate, to employ disciplinary panels in the merit review process, the Division of Physics will repeat the use of target dates for proposal submissions for disciplinary research activities competing for FY 1998 funds (FY 1998 begins on October 1, 1997).

The two target dates of interest to DNP members are:

1. Wednesday, October 8, for proposals concerning:  
Theoretical Nuclear Physics  
Special Programs and Conferences
2. Wednesday, November 19, for proposals concerning:  
Experimental Nuclear Physics

Please do not send proposals more than one month in advance of the deadline to avoid processing timing difficulties.

Other target dates in the Physics Division can be found on the NSF/Physics Division web pages "<http://www.nsf.gov/mps/phy>".

The above dates do not apply to proposals sent to the Physics Division in response to Foundation-wide solicitations such as the Faculty Early Career Development (CAREER) or Research Experiences for Undergraduates sites (REU). These programs have specified target or deadline dates contained in their program announcements. More information can be obtained on the NSF web pages "<http://www.nsf.gov/>".

## 10. FUTURE CONFERENCES

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

**“Probing Nuclear Matter at Extreme Conditions, 214th National ACS Meeting,”** 8–11 September 1997, Las Vegas, NV. Contact: Betty Tsang, National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, MI 48824-1321, email: [tsang@nscl.msu.edu](mailto:tsang@nscl.msu.edu), Telephone: 517-333-6386, Fax: 517-353-5967, WWW: <http://www.nsc1.msu.edu/nscl/conferences.html>.

**“The International Conference on Hypernuclear and Strange Particle Physics,”** 13–18 October 1997, Brookhaven National Laboratory, Upton, NY. Contact: R. E. Chrien, Bldg. 510A, BNL, Upton, NY 11973, USA, Telephone: 516-344-3903; D. J. Milliner, Bldg. 510A, BNL, Upton, NY 11973, Telephone: 516-344-3853. Fax: 516-344-5568, email: [chrien@bnl.gov](mailto:chrien@bnl.gov) or [millener@bnl.gov](mailto:millener@bnl.gov).

**“SANTORINI97, Electromagnetic Structure of Hadrons and Nuclei,”** 21–26 October 1997, Santorini, Greece. Contact: J.-M. Laget, Chairman, email: [laget@phnx7.saclay.cea.fr](mailto:laget@phnx7.saclay.cea.fr).

**“International Conference on Fission and Properties of Neutron-Rich Nuclei,”** 10–14 November 1997, Sanibel Island, FL. Chair: Joseph H. Hamilton, Vanderbilt. Contact: Peggy L. McGowan, Vanderbilt University, Department of Physics and Astronomy, P.O. Box 1807-B, Nashville, TN 37235, Fax: 615-343-7263, email: [mcgowap1@ctrvax.vanderbilt.edu](mailto:mcgowap1@ctrvax.vanderbilt.edu), WWW: <http://anita.phy.vanderbilt.edu>.

**“INNOCOM97, the XVIIth RCNP International Symposium on Innovative Computational Methods in Nuclear Many-Body Problems,”** 10–15 November 1997, Osaka, Japan. Contact: Dr. Y. Fujiwara, Department of Physics, Graduate School of Science, Kyoto University, Kyoto 606-01, Japan, Telephone: +81-75-753-3875, Fax: +81-75-753-3886, email: [innocom@ruby.scphys.kyoto-u.ac.jp](mailto:innocom@ruby.scphys.kyoto-u.ac.jp), WWW: <http://www.rcnp.osaka-u.ac.jp> or <http://pearl.scphys.kyoto-u.ac.jp/~innocom/>.

**“The International Symposium on New Facets of Spin Giant Resonances in Nuclei (SGR97),”** 17–20 November 1997, Hongo Campus of the University of Tokyo. Sponsored by the Monbusho (Ministry of Education, Sports, Science and Culture), and supported by RIKEN and RCNP. Symposium Address: Prof. Hide Sakai, Department of Physics, University of Tokyo, Hongo 7-3-1, Bunkyo, Tokyo 113, Japan, Telephone: +81-3-5689-7343, Fax: +81-3-3811-0960, email: [sgr97@phys.s.u-tokyo.ac.jp](mailto:sgr97@phys.s.u-tokyo.ac.jp), WWW: <http://tkynx0.phys.s.u-tokyo.ac.jp/sgr97/>.

**“XXI Nuclear Physics Symposium at Oaxtepec,”** 5–8 January 1998, Oaxtepec, Mexico. Contact: Dr. Jaime Besprosvani, Instituto de Fisica de la UNAM, Apartado Postal 20-364, 01000 Mexico, D.F., Mexico, Telephone: +52-5-6225014, Fax: +52-5-6161535/6225015, email: [bespro@teorica0.ifisicacu.unam.mx](mailto:bespro@teorica0.ifisicacu.unam.mx), WWW: <http://www.nuclecu.unam.mx/oaxtepec/oaxtepec.html>.

**“Fifth International Symposium on Weak and Electromagnetic Interactions in Nuclei, WEIN’98,”** 14–21 June 1998, Santa Fe, New Mexico. Contact: Conference Secretary WEIN’98, MS H844, Los Alamos National Laboratory, Los Alamos, NM 87545, Telephone: 505-665-1819, Fax: 505-665-6943, email: [WEIN98@lanl.gov](mailto:WEIN98@lanl.gov).

**“The Second International Conference on Exotic Nuclei and Atomic Masses,”** 23–27 June 1998, Shanty Creek Resort, Bellaire, Michigan, Organizers: Cary Davids ([davids@anl.gov](mailto:davids@anl.gov)), Brad Sherrill ([sherrill@nscl.msu.edu](mailto:sherrill@nscl.msu.edu)), WWW: <http://www.nsc1.msu.edu/conferences/ENAM98>.

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