



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

ACCOMPANYING THIS NEWSLETTER:

- A ballot for the DNP Election



Future Deadlines

- | | |
|--------------------------|--|
| • 4 December 1998 | — Abstract deadline for Centennial |
| • 15 January 1999 | — Registration deadline for Centennial |
| • 20 January 1999 | — DNP Election Ballot |
| • 1 April 1999 | — Nominations for Fellowship |

WWW Home Page for DNP - "<http://www.phy.anl.gov/dnp/>".

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

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR 1999

The 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 general meeting in Atlanta, GA, 20–26 March 1999. Walter F. Henning will become Chair, Stuart J. Freedman will become Past-Chair, and R. G. Hamish Robertson will become Chair-Elect. John P. Schiffer and J. Dirk Walecka continue as Divisional Councilors. Richard Milner, Robert P. Redwine, and John F. Wilkerson 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 1999.

This year's Nominating Committee consists of B. V. Jacak (Chair), J. A. Carlson, A. M. Nathan, M. J. Ramsey-Musolf, and J. D. Walecka. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Joel M. Moss
Stephen J. Wallace

Secretary-Treasurer:

Benjamin F. Gibson

Executive Committee (three positions):

S. Victoria Greene
Christopher R. Gould
Steven J. Pollock
Brian Serot
Roxanne P. Springer
T. James M. Symons

Candidate biographies are in Item 14.

The enclosed 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 must be received by **Benjamin F. Gibson** on or before **20 January 1999** in order to be counted.

As a DNP member, please exercise your right to vote for candidates in the upcoming DNP election. Typically only about 800 election ballots are mailed in by members. Your vote counts. It is important!

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2. 1998 PUBLIC INFORMATION COMMITTEE

The newly appointed Ad Hoc Public Information Committee is:

Sam Austin, Michigan State University
Betsy Beise, University of Maryland
Tom Bowles, Los Alamos National Laboratory
Bunny Clark, **Chair**, Ohio State University
John Cramer, University of Washington
Gerry Garvey, Los Alamos National Laboratory
Tim Hallman, Brookhaven National Laboratory
Ernest Henley, University of Washington
Kevin Lesko, Lawrence Berkeley National Laboratory
Mark Riley, Florida State University

3. REPORT ON THE DNP FALL MEETING IN SANTA FE, NM, 28-31 OCTOBER 1998

The Annual Fall Meeting of the Division of Nuclear Physics, including three workshops, was held October 28-31, 1998 at the Sweeney Convention Center in Santa Fe, NM. The venue was a scenic one-hour drive north of the Albuquerque International Airport. Santa Fe is the oldest capital city in the United States, founded in 1607, and combines a unique blend of Native American, Hispanic, and Anglo culture. Sweeney Center is located just north of the town Plaza, which gives it a flavor of traditional European and Latin American cities. La Fonda, the meeting headquarters hotel, is on the southeast corner of the Plaza. At 7000 feet, Santa Fe is located in the high desert of the southwest, and moisture from the Pacific provided showers as well as snow flurries during this usually dry month in New Mexico.

The DNP Executive Committee is pleased to acknowledge the planning, hard work, and congenial hospitality of our Los Alamos National Laboratory hosts for the meeting. Special thanks go to Susan Seestrom, chair of the Local Organizing Committee, and to Jan Hull who served as meeting coordinator. In addition, we are grateful to Gloria Martinez, Jeanne Bowles, Waltraud Dilling, and Lucy Maestas for the long hours spent in preparing for the meeting and manning the registration tables. Members of the Local Organizing Committee were: Tom Bowles, David Bowman, Gerry Garvey, Joe Ginocchio, Peter Herczeg, Cy Hoffman, Mikkel Johnson, Bill Louis, Susan Seestrom (chair), Jehanne Simon-Gillo, Steve Wender, and John Zumbro.

Registered participants at the meeting totaled about 800, including some 60 undergraduates participating in the Conference Experience for Undergraduates (CEU) program which was organized by Warren Rogers of Westmont College (Santa Barbara). More than 300 registered for the three workshops on the Wednesday that preceded the main meeting: 1) "The Spin-Flavor Structure of the Nucleon," [organized by A. Blotz, G. Garvey, J. Ginocchio, and J. Moss] 2) "Physics with the Relativistic Heavy Ion Collider," [organized by J. Simon-Gillo, J. Sullivan, H. van Hecke, D. Strottman, W. Kinnison, and M. Brooks] and 3) "New Opportunities for Nuclear Physics with Spallation Neutron Sources," [organized by R. Haight, W. Tornow, J. Becker, P. Herczeg, and S. Wender]. A special video of a lecture by D. Schramm, introduced by Michael Turner, was presented on the first evening, following a welcome reception for DNP members hosted by the Local Organizing Committee.

The Plenary Session which opened the meeting on Thursday, "Frontiers in Nuclear and Particle Astrophysics and Cosmology", was organized by DNP Chair Stuart Freedman. Speakers included Michael Turner on "Big Bang Nucleosynthesis in the Era of Precision Cosmology," Leslie Rosenberg on "Searches for Dark Matter," Wick Haxton on "The r-process: Progress, Puzzles, and Possibilities," and Michael Wiescher on "Frontiers in Nuclear Astrophysics." In addition, there were 27 invited talks. The Program Committee, chaired by Walter Henning, organized two invited sessions. Another two invited sessions were selected by ballot of the Program Committee from nominations by the DNP membership and arranged into coherent sessions by Walter Henning. The Local Organizing Committee organized a fifth invited session. The five invited sessions covered a range of topics: 1) "Studies at the Extremes of the Nuclear Many-Body System," 2) Aspects of Hadron Structure and the Nuclear Force," 3) Neutrino Oscillations and Neutrino Mass," 4) "Double Beta Decay", and "The Search for Exotic Mesons". A birthday celebration dinner for Peter Rosen (Director of the Office of High Energy and Nuclear Physics) following sessions (3) and (4) was organized by friends of Peter for Saturday evening, and a symposium in his honor was held on Sunday. Four Mini-Symposia were held during the meeting: 1) "Nuclear Spectroscopy with Gammasphere I & II" (organized by Jerry Garrett and Lee Riedinger), 2) "Standard Model Constraints from Beta Decay (organized by Susan Seestrom and Stuart Freedman), 3) "Proton Emitters" (organized by Gary Westfall) and 4) "Meson Electroproduction" (organized by Roger Carlini). The Mini-Symposia and regular contributed paper sessions attracted 338 abstracts.

An undergraduate student poster session was held during the meeting, the first session being during the lunch hour following the Plenary Session on Thursday. Physical Review C and Physical Review Letters hosted a drop-in hour at Sweeney Center on Thursday afternoon, where journal editors were available to answer questions and share concerns. User Group meetings (TJNAF, MIT Bates, Gammasphere, HRIBF, ATLAS, the 88-inch Cyclotron, NSCL, and AGS/RHIC) were held on Thursday evening. The Business Meeting on Friday afternoon was combined with a Town Meeting in which John Schiffer summarized the "Nuclear Physics Report for the NRC/NAS Physics Survey", James Symons reported on the conclusions of the "NSAC Medium Energy Assessment", and agency representatives Dennis Kovar and Brad Keister provided their views on the status of nuclear physics. This was followed by a reception at La Fonda and the banquet in the Ballroom of La Fonda. On Saturday there was a special High School Teachers' program arranged by Andrea Palounek which included demonstrations and a discussion of the Nuclear Science Wall Chart by Peggy McMahan as well as lunch.

4. FUTURE DNP FALL MEETINGS

1999	October 13-16	Asilomar, CA
2000	October 4-7	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. APS CENTENNIAL MEETING IN ATLANTA, GA, 20-26 MARCH 1999

The 1999 APS Centennial Meeting, a combined “March” and “April” meeting, will be held in Atlanta starting Saturday, 20 March, and lasting through Friday, 26 March. The Centennial celebration will bring together participants from all units of the APS as well as representatives from foreign physical societies. This unique event will honor many great discoveries in physics during the last century as well as highlight current research efforts leading into the 21st century. The meeting will feature special symposia designed to appeal to physicists from all walks as well as the usual invited talks on leading edge physics research. A special Centennial advance program was sent to APS members in September.

In addition to a possible keynote address by President Clinton, special plenary sessions will feature S. Weinberg (U. Texas), H. Varmos (NIH), J. Birnbaum (Hewlett-Packard), M. Good (Venture Capital), R. Smalley (Rice), and M. Klein (Yale). An exhibition showcasing the Nobel Prize-winning work of some 75 scientists is being organized. More than 40 Nobel laureates are expected to attend. [Check events at www.aps.org/centennial.] The DNP will host its usual complement of invited sessions, mini-symposia, and contributed paper sessions for an APS spring meeting.

Atlanta transportation hints: Taxi companies are many. The minimum fare is \$1.50 for the first 1/5 mile and \$.20 for each additional 1/5 mile. The fare from the Atlanta International Airport (9 miles southwest of Atlanta) is about \$15. Alternative means of transport include the bus (MARTA) and the train (MARTA) for \$1.50. MARTA is Atlanta's advanced mass transit system: 33 train stations throughout the city plus connecting buses. The train system has two lines. The ORANGE line runs north to south and the BLUE line runs east to west. The trains operate 5 a.m. through 1 a.m. daily, with trains arriving every 8-15 minutes. Most major attractions can be reached using MARTA (848-5000 for information).

6. DNP ATLANTA 1999 MARCH (CENTENNIAL) MEETING PROGRAM

The Program Committee under the leadership of Walter Henning has been busy organizing the DNP component of the Centennial meeting in Atlanta. There will be special Centennial Symposia, regular DNP invited sessions, special mini-symposia and the usual contributed sessions (**abstract deadline 4 December 1998**).

CENTENNIAL SYMPOSIA

1. DNP Centennial Symposium, “The Atomic Nucleus: A 20th Century Journey into the Microcosm of Matter”: speakers B. Mottelson, N. Isgur, S. Koonin, S. Freedman; chair A. Bromley; Monday (Mar 22); 10:30 a.m. - 1:30 p.m.
2. DAP/DNP/DPF joint Centennial Symposium, “Neutrinos”: speakers R. Davis, Y. Totsuka, A. Burrows, W. Haxton; chair P. Rosen; Wednesday (Mar 24); 11:00 a.m. - 2:00 p.m.

DNP INVITED SESSIONS

3. DNP Topical Session I, “Precision Measurements of Form Factors”: speakers D. Day, C. Perdrisat, G. Petratos, E. Beise, D. Mack; chair J. Mitchell; Thursday (Mar 25); 11:00 a.m. - 2:00 p.m.

4. DNP Topical Session II, “Research with Beams of Shortlived Nuclei”: speakers W. Nazarewicz, K. Rehm, T. Glasmacher, J. Behr; chair S. Austin; Tuesday (Mar 23); 8:00 a.m. - 10:30 a.m.
5. DNP Prize Session: speakers Bethe Prize winner, DNP Dissertation Award winner, Bonner Prize winner; chair S. Freedman; Thursday (Mar 25); 2:00 p.m. - 5:00 p.m.
6. DNP Voted Session I, “Nucleon Structure and the Nuclear Interaction”: speakers R. Arnold, J. Steele, M. Savage, R. Miskimen; chair L. Cardman Tuesday (Mar 23); 10:30 a.m. - 1:00 p.m.
7. DNP Voted Session II, “Some Recent Developments in Nuclear Physics” speakers A. Macchiavelli, P. Moeller, P. Koehler, G. Gratta; chair K. Rehm; Tuesday (Mar 23); 1:15 - 3:45 p.m.

JOINT INVITED SESSIONS

8. DAP/DNP/DPF Joint Session, “Great Observatories”: speakers S. Beckwith, D. Kniffen, P. Sokolsky, H. Robertson, S. Barwick; chair K. Lesko; Thursday (Mar 25); 8:00 a.m. - 11:00 a.m.
9. DBP/DPB/DNP Joint Session, “Biological Science Using Accelerators and Synchrotron Radiation”: speakers K. Moffat, P. Kuhn, P. Bertsch, J. Davis, G. Kraft; chair H. Winick; Wednesday (Mar 24), 8:00 - 11:00 a.m.
10. DNP/FBSTG Joint Session, “From Fields to Few-Body Systems”: speakers D. Phillips, U. van Kolck, G. Adkins, R. Perry, R. Wiringa; chair B. Keister, Wednesday (Mar 24), 2:00 to 5:00 p.m.
11. DNP/CSWP Joint Invited Session, “Women and Men Inside the Atom: An Historical Look”: speakers S. McGrayne, R. Sachs, M. Goldhaber, A. Goldhaber; chair E. Beise; Monday (Mar 22); 1:15 p.m. - 3:45 p.m.

The DNP will organize six mini-symposia at the Centennial. Contributed papers intended for any of those mini-symposia should be identified with one of the following six “sorting categories”. (Note that G.11.c should be entered as {G}{11}{c} in the template for electronic submission.) Each of the mini-symposia will be initiated by a 30 minute invited talk, which should provide the introduction on which the contributed paper speakers can rely to set the stage. Abstracts not selected for a particular mini-symposium because of time constraints will be placed in a traditional DNP contributed paper session. **Note the early (4 December) abstract deadline.** All DNP members are invited to contribute an abstract. It would be helpful to the mini-symposium organizer were a copy sent to them when submitted to the APS. The mini-symposia for the Centennial meeting will be:

- G.11.a - *Baryons, Stopping and Energy Density*
- G.11.b - *Strangeness, Anti-Baryons and Particle Spectra*
- G.11.c - *Flow, HBT and Exotics*
- G.11.d - *Predictions for RHIC*
- G.11.e - *Solar Neutrinos*
- G.11.f - *Structure of the Nucleon*

Richard Seto is organizing G.11.a - G.11.d as part of a series of four mini-symposia planned to review the state of Relativistic Heavy Ion Physics before the turn on of RHIC. Talks will be 15 minutes in length plus 3 minutes for questions. This is longer than the usual DNP contributed paper, allowing more detail to be presented. In addition, a proceedings will be published. The titles were chosen in an attempt to cover all topics. The last mini-symposium is primarily for theoretical

predictions, but the day-1 capabilities for the detection of various signatures will also be covered. Hamish Robertson is organizing G.11.e on the topic of solar neutrinos, and Naomi Makins is organizing G.11.f on the structure of the nucleon.

7. FUTURE APS SPRING MEETING INFORMATION

1999	March 20–26	Atlanta, GA
2000	April 29 – May 2	Long Beach, CA

The 2000 APS Spring Meeting is tentatively scheduled for Long Beach, California. Discussions are underway to bring the 2001 meeting back to Washington, DC but perhaps with a switch from spring to fall. Any person with strong feelings about such a switch should write directly to Judy Franz, APS Executive Officer.

8. PUBLICATIONS COMMITTEE REPORT, B. Filippone

Physical Review C will go “electronic first” on July 1, 1999. Articles accepted for publication and for which proofs have been author approved will appear on the web as they are received, before the issue is closed for printing. This will entail a reference change much as has already occurred in *Physical Review D*. Instead of a page number, the reference will be xxyyzz, where xx is the number (month) of the issue, yy is the section in which the paper appears (e.g., 02 for Nuclear Structure), and zz is the article number within that section.

Use of a list server to notify DNP members regarding the availability of the current issue of *Physical Review C* is being explored. The service would include an unsubscribe feature.

The five new *Physical Review C* Editorial Board members will be: Michael C. Birse, Joseph A. Carlson, Stuart J. Freedman, Berndt Mueller, and P. J. Nolan. Continuing members of the *Physical Review C* Editorial Board are: A. Baha Balantekin, Avraham Gal, Gottfried Muenzenberg, and Michael Wiescher (class of 1999); Walter Benenson, Barbara V. Jacak, Richard G. Milner, Che Ming Ko, and Anthony W. Thomas (class of 2000). The new *Physical Review Letters* Divisional Associate Editor to replace Brad Keister will be announced in a later newsletter.

9. 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,” or can be found under Fellowships on the APS Home Page. 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 the APS Home Page or can be obtained by sending an e-mail message to “fellowship@aps.org” or by calling (301) 209-3286. Completed forms should be returned to Dr. J. Franz at the same address. Information can also be found on the APS home page

(<http://www.aps.org>); click on the word fellowship. The nomination form can also be downloaded.

The 1998 DNP Fellowship Committee is comprised of B. C. Clark (Chair), R. F. Casten, S. J. Seestrom, S. E. Vigdor, and W. Benenson. The Fellowship Committee reviews the nominations for APS Fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the APS Fellowship Committee and then to the APS Council for approval. Nominations remain active for two years.

It is particularly important for nominators to ensure that the cases that 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. PROLA

The *Physical Review OnLine Archive* (PROLA), which covers all of *Physical Review* from 1985 to 1996, is up and available and free for 1998. Institutional subscription costs for 1999 will be a modest \$300 for those institutions with current subscriptions to any of the *Physical Review* archival or letter journals. Individual member subscriptions will be \$100. Subscribers to a single journal who subscribe to PROLA gain access to everything in PROLA, not just the journal to which they subscribe. PROLA may be accessed through the APS Homepage; click on the Research Journal button. Alternatively, one may go directly to <http://prola.aps.org>.

11. NUCLEAR PHYSICS HOME PAGE, J. F. Wilkerson

The DNP Home Page, found at “<http://www.phy.anl.gov/dnp/>”, is a great on-line source for information about both the DNP and nuclear physics. With the help of Webmaster Bob Wiringa, the site continues to evolve and grow. In the coming months look for an enhanced section providing educational information and links. The site also features a section highlighting current research topics. We would like to strongly encourage all members to submit suggestions for new topics to the Ad Hoc Home Page Committee Chair (John Wilkerson, jfw@u.washington.edu). If you have any ideas or suggestions on how we can improve the site please contact John Wilkerson or Bob Wiringa “dnp@theory.phy.anl.gov”.

12. DNP PRIZES AND AWARDS

The prize and award season is here, Nobel etc. The DAP/DNP Bethe Prize, the DNP Bonner Prize, and the DNP Dissertation Awards will

have been announced by the time you receive this newsletter. Please check the DNP Home Page or the APS Home Page for the announcements. Stories will appear in Newsletter 117 as well as APS News. The presentations to the winners will be made at the Centennial Meeting in Atlanta during the DNP Prize Session on Thursday, March 25th at 2:00 p.m., where each of the winners will present a talk on his/her work. You are invited to attend. The DNP Business Meeting will follow the Prize Session.

13. 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 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 (Reg. #121449029 RT).*

14. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

JOEL M. MOSS - Fellow (June 1998) in the Subatomic Physics Group (P-25), Los Alamos National Laboratory. Education: B.S. Chemistry, Fort Hays State University, 1964; Ph.D. Nuclear Chemistry, Univ. of California, Berkeley, 1969. Employment: Staff member, Subatomic Physics Group (P-25), Los Alamos, 1993-98; Acting Physics Division Leader, Los Alamos, 1992-93; Program Director for Nuclear and Particle Physics, Los Alamos, 1988-90; Deputy Physics Division Leader, Los Alamos, 1987-92; Group Leader, Medium Energy Physics, Los Alamos, 1984-87; Staff member, Nuclear Physics, Los Alamos, 1979-84; Associate Prof., Physics Dept., Texas A&M Univ., 1978-80; Assistant Prof., Physics Dept., Texas A&M Univ., 1973-78; Postdoc, Physics Dept., Univ. of Minnesota, 1971-73; Postdoc, Centre d'Etudes Nucleaires de Saclay, France 1969-71. Activities: Program Committee, DNP, 1977-79; DOE Small Facilities Review Panel, 1987; Nuclear Sciences Advisory Committee, 1986-89; IUCF Program Committee, 1989-92; RHIC/PHENIX Executive Council, 1992-94; Tom Bonner Prize Committee, DNP, 1998. Awards: Fellow, APS 1982; Tom Bonner Prize, Nuclear Physics, 1998. Current Research Interests:

Quark/gluon structure of nucleons and nuclei, searching for the Quark-gluon plasma, spin structure of the nucleon,

Steven J. Wallace - was born in Youngstown, Ohio in 1939 and attended Case Institute of Technology, receiving a Bachelor's degree in Engineering Science in 1961. He was employed as a Research Engineer at the Boeing Company from 1961 to 1968 and received a M.S. in 1969 and Ph.D. in Physics in 1971 from the University of Washington. Postdoctoral appointments were held in 1971 at the University of Florida and 1972-73 at Harvard University. In 1974, he was appointed Assistant Professor of Physics at the University of Maryland, and became Associate Professor in 1978 and Professor in 1983. Since 1994, he has been Chair of the Department of Physics at the University of Maryland. His early research developed a systematic eikonal expansion for high-energy scattering amplitudes and for nuclear multiple scattering. His research since 1983 has been in the area of relativistic nuclear physics, featuring development of the relativistic impulse approximation for proton-nucleus scattering and work on relativistic dynamics and electromagnetic interactions for bound states of few-nucleon systems. He served as a Visiting Staff Member and Consultant at Los Alamos National Laboratory, as a member of the Program Advisory Committee of the Los Alamos Meson Physics Facility (1982-83) and as chairman of the High Resolution Spectrometer Subcommittee (1984). He has held visiting positions at the National Bureau of Standards (1981-82), Los Alamos National Laboratory (1988), Hebrew University of Jerusalem (1989) and the University of Utrecht (1989), where he was appointed Donders Chair. In 1988, he served on the DOE Review Committee for the Los Alamos Meson Physics Facility. He served on the Editorial Board of Physics Review C (1989-91) and as chairman of the Nucleon Physics Subcommittee of the LAMPF Program Advisory Committee (1990-91). He was a member of a NSF Review Committee for the Indiana University Cyclotron Facility (1990), the Nuclear Science Advisory Subcommittee on NSF-sponsored National User Facilities (1993), and NSF Committee of Visitors for Physics Division (1994). He was a member of the Executive Committee of the Division of Nuclear Physics of APS (1993-95) and has served as a panel reviewer for Nuclear Theory at the NSF Physics Division (1997-98), as a member of the APS-DNP Bonner Prize Committee (1997-98) and the APS-DNP Program Committee (1997-98).

NOMINATIONS FOR EXECUTIVE COMMITTEE

SENTA V. GREENE - Assistant Professor of Physics, Vanderbilt University, 1994-present; Research Associate, University of Colorado, Boulder, 1991-1994; Ph.D. in Physics, Yale University, 1992; RHIC/AGS Users' Executive Committee, 1997-present; SSC National Fellow 1993; Research Interests and Activities: Experimental Relativistic Heavy Ion Physics, Subsystem Manager and Detector Council member for the PHENIX collaboration; exotic particle searches.

Christopher R. Gould - Professor and Head, Physics Department, North Carolina State University. B.S. Imperial College, London 1965; Ph.D. University of Pennsylvania 1969; Research Associate, Duke University and Triangle Universities Nuclear Laboratory 1969-1971; Assistant Professor, NC State University 1971-1976; Alexander von Humboldt Foundation Fellow, GSI and Universitat Frankfurt 1976-1977; Associate Professor, NC State University 1976-1983; Visiting Scientist, Institute for Atomic Energy, Beijing 1984; Visiting Scientist, Energy Research Institute, Dhahran, Saudi Arabia, 1987; Visiting Scientist, Los Alamos Meson Physics Facility, Los Alamos, 1990-1991; Fellow of the American Physical Society (1993). Professional service: National Research Council Panel on Basic Nuclear Data 1987-90; IEEE

Technical Committee on Computer Applications in Nuclear and Plasma Sciences 1987-1990; Instrumentation Subcommittee of the NSF-DOE Nuclear Sciences Advisory Committee (NSAC) 1988-89; DOE Basic Energy Sciences Subcommittee for Review of Office of Fusion Energy Nuclear Data Needs (1986- 1992); Organizing Committee for IVth IEEE Computer Applications in Nuclear and Plasma Sciences Conference (1989); Co-chair and Proceedings Co-editor for the First International Workshop on Tests of Time Reversal Invariance in Neutron Physics (Chapel Hill, 1987); Chair of Awards Committee of the IEEE Technical Committee on Computer Applications in Nuclear and Plasma Sciences 1991; Advisory Committee and Proceedings Editor for Second International Workshop on Time Reversal Invariance and Parity Violation in Neutron Reactions (Dubna, Russia, 1993); Local Organizing Committee for the 6th Annual National Nuclear Physics Research Summer School (Raleigh, NC, July 1993); International Organizing Committee for the Eighth International Conference on Polarization Phenomena in Nuclear Physics (Bloomington, 1994); Los Alamos National Laboratory Neutron Physics Advisory Panel 1994-96. Research interests: fundamental symmetries and few body systems with polarized beams and polarized targets; cryogenically polarized targets and computer-based data acquisition systems; future double beta decay measurements and next generation neutrino observatories.

STEVEN J. POLLOCK - Assistant Professor of Physics, University of Colorado at Boulder, 1993 - present. Senior researcher, NIKHEF-K, Amsterdam, 1993, Postdoctoral Fellow, INT Seattle, 1990-1992, Postdoctoral Fellow, NIKHEF-K, Amsterdam, 1988-1990. Ph.D., Physics, Stanford University, 1987. B.S. Physics, Massachusetts Institute of Technology, 1982. Member, organizing committee on the future of parity violation at TJNAF, 1996-7. CU-BFA Teaching Excellence Award, 1998. CU-BFA Junior Faculty Award, 1994. Sloan Foundation Fellow, 1994-98. Research Interests: electroweak interactions in the nuclear domain, parity violation in atomic and nuclear systems, precision Standard Model tests, nucleon structure.

BRIAN D. SEROT – Professor of Physics, Indiana University, 1987-present; Director, Indiana University Nuclear Theory Center, 1987-90, 1992, 1993-1997; B.S. Physics (with Distinction), summa cum laude, Yale University, 1975; M.S. Physics, Stanford University, 1977; Ph.D. Physics, Stanford University, 1979; Weizmann Fellow, Massachusetts Institute of Technology, 1979-80; Assistant Professor of Physics, Stanford University, 1980-83; Associate Professor of Physics, Indiana University, 1984-87; A. P. Sloan Foundation Fellow, Stanford and Indiana Universities, 1982-86; Murdock Fellowship, University of Washington, 1991-1992; IUCF Program Advisory Committee, 1987-1990; Nuclear Science Advisory Committee Long-Range Plan Working Group, 1989; DOE review panel for National Institute for Nuclear Theory, 1989; APS/DNP Ph.D. Dissertation Award Committee, 1989; APS/DNP Program Committee, 1990-1992; LAMPF Program Advisory Committee, 1992-1993; APS/DNP Executive Committee, 1993-1995; Nuclear Science Advisory Committee Long-Range Plan Working Group, 1995; APS/DNP Nominating Committee, 1996-1997; National Nuclear Physics Summer School Steering Committee, 1996-1998; IUCF Program Advisory Committee, 1997-present; Outstanding Instructor of Graduate Students, Physics Department, Indiana University, 1986, 1994; Teaching Excellence Recognition Award, Indiana University, 1997, 1998. Research Interests: Quantum Field Theory, Relativistic Quantum Many-Body Problems, Nuclear Theory, Neutron Stars.

ROXANNE P. SPRINGER – Assistant Professor, Duke University, 1992; Visiting Assistant Professor, University of Wisconsin, Madison, 1990-2. Education: Ph.D., theoretical particle physics, California Institute of Technology, 1991; B.A., physics and physical chemistry;

summa cum laude, Rice University, 1985. Honors: Robert B. Cox Trinity College Teaching Award, 1997; NSF POWRE Award, 1998. Organizer of “Physics of Strangeness Program” at the Institute for Nuclear Theory at the University of Washington, Seattle, 1998; DNP Program Committee 1996 - 8; Organized joint DNP/DPF session, Spring 1997; Organized two mini-symposia for Spring 1998 DNP meeting. Research Interests: Effective theories, nonperturbative QCD, weak interactions, symmetries.

TIMOTHY JAMES MACNEIL SYMONS – Senior Physicist, Lawrence Berkeley National Laboratory: 1984-present; Director, LBNL Nuclear Science Division 1985-95; LBNL Divisional Fellow 1979-84; LBNL Post-doctoral Research Associate 1977-79; RIKEN Institute Eminent Scientist Award, 1998; Max-Planck Institut fuer Kernphysik, Heidelberg, Visiting Scientist 1980-81; Science Research Council Fellow, UK, 1976-77; BA Oxford University, 1972; MA, D. Phil, Oxford University, 1976; APS Fellow, 1987; GSI/SIS Detector Advisory Committee 1987-88; BNL AGS/RHIC Program Advisory Committee 1992-95; RHIC Policy Committee 1989-95; CEBAF Program Advisory Committee 1991-94; APS DNP Program Committee 1982-83; Co-chair DNP Fall Meeting, Asilomar, 1985; APS DNP Bonner Prize Committee 1988-89 (Chair, 1989); US-Russia Joint Coordinating Committee on the Fundamental Properties of Matter 1993-present; LLNL Physics Directorate Review Committee 1995-96; ANL Physics Division Visiting Committee 1997; DOE/NSF Nuclear Science Advisory Committee 1996-present; NSAC Intermediate Energy Nuclear Science Sub-Committee Chair, 1998. Research Interests: relativistic heavy ion collisions, nuclei far from stability.

15. FUTURE CONFERENCES

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

“XXII Nuclear Physics Symposium,” Oaxtepec, 5–8 January 1999, Morelos, Mexico. Contact: Dra. Enriqueta Hernandez, Instituto de Fisica de la UNAM, Apartado Postal 20-364, 01000 Mexico, D.F., Mexico, Telephone: +52-5-6225014 / 6225128, Fax: +52-5-6161535 / 6225015, e-mail: enriqueta@ft.ifisicacu.unam.mx, WWW: <http://www.nuclecu.unam.mx/~bijker/oaxtepec/oaxtepec.html>.

“Symmetry Principles In Many-Body Phenomena (Joint U.S. - Japan Seminar),” February 18 - 22, 1999, Honolulu, Hawaii. Contact: A.B. Balantekin Email: baha@nuclth.physics.wisc.edu WWW:<http://nuclth.physics.wisc.edu/conferences/sym.html>.

“The APCTP Workshop on Strangeness Nuclear Physics (SNP99),” February 19-22, 1999, Seoul, Korea. Contact: Dr. S.W. Hong, Department of Physics, Sung Kyun Kwan University, Suwon 440-746, Republic of Korea. Email: swhong@yurim.skku.ac.kr Telephone : +82-331-290-7047 fax: +82-331-290-7055.

“International Symposium on Nuclear Electro-Weak Spectroscopy (NEWS 99) for Symmetries and Electro-Weak Nuclear-Processes,” 9–12 March 1999, at the RCNP (Research Center for Nuclear Physics), Osaka, Japan. Contact: Dr. K. Takahisa, RCNP, Osaka University, Mihogaoka 10-1, Ibaraki, Osaka 567-0047, Japan, Telephone: +81-6-879-8895, Fax: +81-6-879-8899, e-mail. news99@rcnp.osaka-u.ac.jp, WWW: <http://www.rcnp.osaka-u.ac.jp/~news99>.

“Fourth Workshop on Electromagnetically Induced Two Hadron Emission,” 26–29 May 1999, Departamento de Fisica Moderna of the Universidad de Granada. Contact: Departamento de Fisica Moderna,

Universidad de Granada, E-18071 Granada, SPAIN, Fax: +34/958274208, e-mail: 2nconf@ugr.es, WWW: <http://www.ugr.es/~2nconf>.

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

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

“Gordon Research Conference on Nuclear Chemistry,” June 13 - 18, 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.

“Facing The Next Millenium,” 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/>.

“Eighth International Symposium on Meson-Nucleon Physics and the Structure of the Nucleon (MENU99),” August 15 - 21, 1999, Zuoz, Engadine, Switzerland, Conference Secretary: Christine Kunz, Paul Scherrer Institut, WHGA/138, CH-5232 Villigen PSI, Switzerland, fax: +41 (0)56 310 3294 Email: 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>.

“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.

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