



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

ACCOMPANYING THIS NEWSLETTER:

- APS Spring Meeting DNP Symposia
- DNP Fall Meeting Speaker Nomination Form



Future Deadlines

- **1 April 2000** — APS Fellowship Nominations
- **4 May 2000** — Speaker Nominations for Fall Meeting
- **1 July 2000** — Nominations for Bonner Prize
- **1 July 2000** — Nominations for Bethe Prize
- **1 July 2000** — Nominations for Dissertation Award

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. RESULTS OF ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 2000

By the deadline date of 31 January 2000, 566 properly identified ballots were received for the election of officers and members of the Executive Committee. The results of the election are as follows: Charles Glashausser was elected as Vice-Chair and Benjamin F. Gibson was elected as Secretary-Treasurer for one-year terms. Barry R. Holstein, Robert E. Tribble, and Michael C. T. Wiescher were elected to two-year terms on the Executive Committee. The counting of the ballots was done by Tellers *Martin Cooper*, *Ron Nelson*, and *Dick Silbar* and supervised by Kay Grady, all of LANL. The members of the 2000 Executive Committee, who assume their duties at the APS/AAPT Spring Meeting, are as follows:

**R. G. Hamish Robertson, U Washington,
Chair (2000)**
Joel M. Moss, LANL, Chair-Elect (2000)

Charles Glashausser, Rutgers, Vice Chair (2000)
Walter F. Henning, ANL, Past Chair (2000)
Benjamin F. Gibson, LANL, Secretary-Treasurer (2000)
**J. Dirk Walecka, College of William & Mary
Divisional Councilor (December 2001)**
**Christopher R. Gould, N. Carolina State
Univ. (2000)**
Barry R. Holstein, U Mass (2001)
Brian Serot, Indiana U (2000)
T. James M. Symons, LBNL (2000)
Robert E. Tribble, Texas A&M (2001)
Michael C. T. Wiescher, Notre Dame (2001)

2. CALL FOR DNP COMMITTEE SUGGESTIONS

The terms of some of the members of the following DNP committees expire in April 2000: Bethe, Bonner, Fellowship, Nominating, Home Page, and Education. Suggestions from the DNP membership for new members of these committees for 2000 are welcome and should be sent to Hamish Robertson. A list of committee members for 2000 will be published in the August newsletter.

- Inside . . .**
- **Bonner, Bethe, Dissertation Award Winners**
 - **1999 APS Fellows**
 - **Spring Meeting Preview**
 - **Call for Prize/Fellow Nominations**
 - **Fall Meeting in Williamsburg**
 - **DNP99 Teachers' Day**
 - **Annual Reviews Orders**
 - **Future Conferences**

3. 2000 BONNER PRIZE WINNER

Raymond Arnold, known for his work at the Stanford Linear Accelerator Center, has been named the winner of the 2000 Tom W. Bonner Prize in Nuclear Physics. The citation reads:

“For his leadership in pioneering measurements of the electromagnetic properties of nuclei and nucleons at short distance scales that addressed the fundamental connection of nuclear physics to Quantum Chromodynamics and motivated new experimental programs.”

Go to www.aps.org and click on Prizes and Awards to read the background information on Dr. Arnold.

4. 2000 BETHE PRIZE WINNER

Igal Talmi, Professor Emeritus of the Weizmann Institute of Science, has been named the winner of the 2000 Hans A. Bethe Prize. The citation reads:

“For pioneering work on the shell model of the nucleus that laid the foundation of much of what we know about nuclear structure.”

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

5. 2000 DISSERTATION AWARD WINNER

John Arrington now of Argonne National Lab has been awarded the 2000 Dissertation in Nuclear Physics Award for his thesis work at Caltech under the direction of Bradley Filippone. The citation reads:

“For his significant contributions to the preparation, execution and analysis of measurements of inclusive high-energy electron scattering from nuclei. Observations of scaling phenomena in these cross sections provide insight into the role of nucleonic and subnucleonic degrees-of-freedom in the short-range structure of nuclei.”

Go to www.aps.org and click on Prizes and Awards to read the information on Dr. Arrington.

6. NEW DNP FELLOWS

The following DNP members are newly elected (1999) Fellows of the APS. Please join us in offering congratulations.

Ani Aprahamian, University of Notre Dame
Arthur E. Champagne, University of North Carolina
Umesh Garg, University of Notre Dame
Jack Terrance Goldman, Los Alamos National Laboratory
Michael Hass, Weizmann Institute of Science
Christopher J. Lister, Argonne National Laboratory
Claude M. Lyneis, Lawrence Berkeley National Laboratory
Eric B. Norman, Lawrence Berkeley National Laboratory
Seppo Ilmari Penttilä, Los Alamos National Laboratory
Robert James Perry, Ohio State University
Jørgen Randrup, Lawrence Berkeley National Laboratory
Gary D. Westfall, Michigan State University
Robert B. Wiringa, Argonne National Laboratory

7. THE 2000 WOLF PRIZE IN PHYSICS ANNOUNCED

The 2000 Wolf Prize in Physics will be shared by Professor Raymond Davis Jr. of the University of Pennsylvania and Brookhaven National Laboratory, USA, and Professor Masatoshi Koshihba, of the University of Tokyo, Japan, “for their pioneering observations of astronomical phenomena by detection of neutrinos, which created the emerging field of neutrino astronomy.”

The Israel-based Wolf Foundation announced last week that the two world-renown scientists will share the \$100,000 Prize. “Their observations of the elusive neutrinos of astrophysical origin have opened a new window of opportunity for the study of astronomical objects, such as the Sun and exploding stars, and the study of fundamental properties of matter,” stated the Jury. Davis and Koshihba developed complementary methods that have yielded important scientific results and have inspired the development of new neutrino detection experiments.

Raymond Davis Jr., 85, Member of the National Academy of Sciences, graduated from the University of Maryland and received his Ph.D. from Yale University. He has been associated with Brookhaven National Laboratory, Upton, New York, since 1948; since 1973, he has been Professor of Physics and Astronomy at the University of Pennsylvania, Philadelphia. “He developed, through persistent and sustained efforts, the first large-scale radiochemical neutrino detectors and obtained the first measurements of the flux of neutrinos from the sun,” it was said. These measurements were shown to provide a very stringent test for theories of the solar interior.

Masatoshi Koshihba, 73, received his Ph.D. in 1955 from the University of Rochester, New York, after graduating from the University of Tokyo. He led the design and construction of the Kamiokande detectors, which broke new ground, by recording the time of arrival, energy, and direction of the incoming neutrinos. “These attributes were essential in identifying that neutrinos from Supernova 1987a and the low energy neutrinos originate in the sun, and in measuring the fluxes of neutrinos of different types produced by cosmic rays in the atmosphere, providing the initial evidence that neutrinos have mass,” it was stated. Koshihba has been a Professor at the University of Tokyo since 1970. He has taught also at Tokai University, Japan, at CERN, Switzerland, and at George Washington University, USA. Among other honors, he has received the Order of Cultural Merit, conferred by the Emperor of Japan in person.

8. THE APS SPRING MEETING IN LONG BEACH, CA, 29 APRIL – 2 MAY 2000

The Program Committee, under the leadership of Hamish Robertson, has completed organizing the DNP component of the APRIL 2000 APS Spring Meeting in Long Beach. The Invited Sessions and Minisymposia are listed in the enclosed program summary. The contributed paper sessions will soon be available in the web version of the BAPS on the APS Home Page.

The successful Plenary Session format of the 1998 Columbus meeting will be utilized at Long Beach. The 8:30 a.m. – 10:30 a.m. Sessions on Saturday–Monday will be devoted to nine Plenary talks. During the remainder of the four-day meeting the DNP has organized the DNP Prize Session, four Invited Speaker sessions, and five joint Invited Speaker sessions with: DPF (Particles and Fields), GFC (Fundamental Constants), GFBS (Few-Body Systems), CSWP/FPS (Committee on the Status of Women in Physics/Forum on Physics in Society), and DPB (Physics of Beams). In addition, there will be two Minisymposia, each

of which will be initiated by a 30-minute Invited Speaker introduction on which the following contributed paper speakers may rely to set the stage. The Minisymposia, which have been organized by Roy Whitney, are:

- B4. Minisymposium: Spin in the Nucleon — GDH
Sum-Rule Evolution
- V13. Minisymposium: Towards a Common
Understanding of the “NN Correlation” Concept

Some 15 sessions of Contributed Papers have been organized in parallel with the Invited Speaker sessions and the Minisymposia.

9. MAY CONGRESSIONAL RECEPTION, B.C. Clark

A Congressional reception sponsored by the Divisions of Nuclear Physics, Particles and Fields, and Physics of Beams will be held on May 16, 2000 from 5:00 to 7:00 p.m. in the Rayburn House Office Building Foyer, South Capitol Street at Independence Avenue in Washington, DC.

The APS Divisions of Nuclear Physics, Particles and Fields, and Physics of Beams are pleased to invite you to attend this reception for Members of Congress and their staffs. This year the Honorable Vernon Ehlers (R-MI) and the Honorable Rush Holt (D-NJ) have agreed to co-sponsor this event. Representative Ehlers is a member of the House Science Committee and Education and Workforce Committee, Representative Holt is a member of the House Budget Committee and Education and Workforce Committee.

These annual receptions provide an excellent opportunity to inform our national legislators and their staffs of the importance of our research and education efforts and to illustrate the many ways in which those efforts contribute to the economic and competitive health of our nation.

It is our hope that a wide variety of physicists, working in universities, national laboratories, industry and elsewhere, will be able to attend this reception. Your presence will help communicate the excitement, importance and value of our work so that our representation in Congress can be knowledgeable and supportive of our community — particularly at budget time.

Our community can be most effective when its diversity is apparent and thereby representative of a broad spectrum of constituencies. The DNP Public Information Committee encourages graduate students and postdocs to attend this event. A web-based invitation form will be available in the near future. When the APS informs us that it is available, a message will be sent to the members of the DNP.

Please make an effort to invite your local Representatives and Senators to attend the reception. The personal touch can go a long way to boost attendance and help our community articulate its importance and value. This is particularly important if any of your local representation are members of science-related committees.

10. NOMINATIONS FOR APS FELLOWSHIP DUE 1 APRIL

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 2000 DNP Fellowship Committee is comprised of S. J. Freedman (Chair), W. Benenson, S. E. Vigdor, D. Geesaman, and J. Cizewski. 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.

11. NOMINATIONS FOR THE 2001 BETHE PRIZE IN NUCLEAR PHYSICS AND ASTROPHYSICS

This annual prize was established in 1996 by friends, students, and associates of Hans A. Bethe and announced at Bethe’s 90th birthday celebration at Cornell. Previous prize winners are: J. Bahcall, E. E. Salpeter, and I. Talmi.

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 2000** to: Prof. Robert V. Wagoner, Department of Physics, Stanford University, Stanford, CA 94305-4060.

12. NOMINATIONS FOR THE 2001 TOM W. BONNER PRIZE IN NUCLEAR PHYSICS

This annual prize was established in 1964 as a memorial to Tom W. Bonner by his friends, students and associates. Previous winners are: H. H. Barschall, R. J. Van de Graaff, C. C. Lauritsen, R. G. Herb, G. Breit, W. A. Fowler, M. Goldhaber, J. D. Anderson and D. Robson, H. Feshbach, D. H. Wilkinson, C. S. Wu, J. P. Schiffer, S. T. Butler and G. R. Satchler, S. Polikanov and V. M. Strutinsky, Roy Middelton and W. Haerberli, R. M. Diamond and F. S. Stephens, B. L. Cohen, G. E. Brown, C. D. Goodman, H. A. Enge, E. G. Adelberger, L. M. Bollinger, B. Frois and I. Sick, R. H. Davis, E. M. Henley, V. W. Hughes, P. Twin, H. G. Blosser and R. E. Pollock, A. Arima and F. Iachello, E. K. Warburton, F. Boehm, J. D. Walecka, R. G. H. Robertson, J. M. Moss, V. R. Pandharipande, and R. Arnold.

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 2000** to: Prof. Barry R. Holstein, Department of Physics and Astronomy, University of Massachusetts, Amherst, MA 01003.

13. NOMINATIONS FOR THE 2001 DISSERTATION AWARD IN NUCLEAR PHYSICS

The now annual prize, which recognizes a recent Ph.D. in nuclear physics, was established in 1985 by members and friends of the Division of Nuclear Physics of the APS. Previous winners are: B. Sherrill and W. J. Burger, Thomas E. Cowan, Michael J. Musolf, James Edward Koster, Zhiping Zhao, Greg Schmid, Yury G. Kolomensky, Eric Hawker, and John Arrington.

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 2000.

Send before **1 July 2000** the nomination of the proposed candidate, a statement of his/her contribution to the research as well as that of others and a letter of support from the physicists who are familiar with the candidate and the research. To expedite the process, copies of the thesis should be made available for the five committee members. These materials are required for each nominee and should be sent to Prof. R. G. Hamish Robertson, Department of Physics, University of Washington, Box 351560, Seattle, WA 98155.

14. DNP FALL MEETING IN WILLIAMSBURG, VA, 4-7 OCTOBER 2000

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society will be held 4-7 October 2000 at the Fort Magruder Inn and Conference Center in Williamsburg, Virginia. Three topical workshops will be held on 4 October.

Hotel

All conference meetings and sessions will be held at the hotel, located just blocks from the restored colonial-era downtown. The Fort Magruder Inn provides food service and accommodations. A room block has been reserved for meeting participants. Rooms have also been reserved at the nearby Sheraton Four Points Hotel to handle the overflow. Early registration and hotel reservation information will appear in the May newsletter as well as the May issue of "APS Meeting News."

Williamsburg

Historic Williamsburg, Virginia's 18th century colonial capital, is an ideal setting for conferences, as attendees of the 1994 DNP Fall Meeting can attest. In addition to its own many charms, Williamsburg is only an hour away from the region's many other attractions, including the Virginia Beach resort area. Williamsburg is served by both the Richmond and Norfolk International Airports (each approximately 45 minutes away), as well as by the smaller Newport News-Williamsburg International Airport (about 20 minutes away). October is Virginia's driest month, so you can expect clear blue skies and bright fall weather (but it never hurts to bring an umbrella). Evenings are sometimes cool, while daytime temperatures could easily range into the 70s or higher. With its gardens and tree-lined streets, Williamsburg is best toured on foot, so bring casual dress and comfortable walking shoes.

Workshops

Three workshops will be held in conjunction with the meeting. "Rare Isotope Accelerator Physics and Technologies" will be organized by John Schiffer of Argonne. "Physics with Greater than 10 GeV Electron and Photon Beams" and "Detectors, Data Acquisition, and Data Analysis for Greater than 10 GeV Experiments" will be organized by Dennis Skopik of Jefferson Lab and Charles Glashauser of Rutgers University.

Organizing Committee

The local organizing committee consists of Roy Whitney (chair), Dennis Skopik and Charles Glashauser (co-chairs).

Important Dates

Invited speaker nominations for the DNP00 fall meeting are due 4 May 2000. Included in this newsletter is a speaker nomination form.

The deadline for electronic submission of abstracts is 30 June 2000. The meeting ID is DNP00. Instructions and templates can be obtained by sending a message to abs-request@aps.org; enter "request DNP00" as the subject and in the body of the message.

The early registration deadline is 15 August 2000. For meeting information, please contact Shauna Cannella at Jefferson Lab, MS 12B, 12000 Jefferson Avenue, Newport News, Virginia 23606. E-mail can be sent to dnp00@jlab.org. The fax number is (757) 269-7003; the telephone is (757) 269-6388. The conference website is www.jlab.org/DNP2000.

15. DNP99 TEACHERS' DAY, P. McMahan

On Saturday, October 23, at Asilomar the room was packed as close to 30 high school and middle school teachers from up to three hours away were joined by many of the undergraduates participating in the CEU program to hear DNP members and guests talk about the frontiers of nuclear physics. In addition to Howard Matis, LBNL, discussing "The Nuclear Science Wall Chart and Teachers' Guide," a program was arranged on "All you need to know about Nuclear Physics." The speakers were: Rick Norman, LBNL, "Neutrino Astronomy: Viewing the Stars from a Mile Underground;" John Knezovich, LLNL, "Accelerator Physics and Biology: Understanding Low Doses in Humans rather than High Doses in Rats;" Cynthia Keppel, Hampton University, "Understanding the Quark Structure of Matter: Recent Results from Jefferson Lab;" John Cramer, University of Washington, "Recreating the Big Bang with the RHIC Accelerator;" Walter Loveland, Oregon State University, "The Dragon Guarding the Magic Island of Super Heavy Elements drops his Guard: Recent Discoveries of New Elements."

Intermingled with the talks were activities enjoyed by teachers and undergraduates alike on radioactivity, half-lives, cosmic rays, and a "human accelerator." The speakers and other scientists joined the teachers at lunch for further conversation. Thanks to the quality of the talks and the enthusiasm of the participating scientists, the teachers came away with an appreciation for the excitement and vitality of the field. Their comments were uniformly very positive.

The organizers and the DNP would like to thank everyone who helped make this day a success: the speakers, Andrea Palounek (LANL) and Ruth Nuckolls (LLNL), who helped with the activities, and Spectrum Techniques, Inc. (SpecTech), the APS Education Department, and the Nuclear Science Division at LBNL, for their sponsorship.

16. CORRECTIONS TO THE CEU PROGRAM AT DNP99

Two students in the CEU program at DNP99 had their institutions improperly identified. These were:

Participant	Institution	Advisor
Conley, John	Columbia (BNL)	James Nagle
Freeman, John	Columbia (BNL)	James Nagle

17. FUTURE DNP FALL MEETINGS

2000	October 4-7	Williamsburg, VA
2001	October 16-21	Maui, Hawaii
2002	October	East Lansing, MI

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.

18. FUTURE APS SPRING MEETING INFORMATION

2001	April 23-27	Washington, DC
2002	April	Albuquerque, NM

The 2001 APS Spring Meeting is scheduled for Washington, DC. Discussions are underway regarding the 2003-5 sites. Possibilities include Baltimore, Savannah, Houston, and Anaheim.

19. E-MAIL ADDRESS INFORMATION REQUESTED

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

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

20. 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.

2000 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 13-26, 28-29, 31-33, and 35-41 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, 48, and 49 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% GST (Reg. #121449029 RT).*

21. FUTURE CONFERENCES

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

“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>.

“International Conference on Structure of the Nucleus at the Dawn of the Century,” 29 May - 3 June 2000, Bologna, Italy, Organizer: Giovanni C. Bonsignori, Contact: Alberto Ventura ENEA, Via Martiri di Monte Sole 4, I-40129 Bologna, Italy, Telephone: +39 051 6098305, Fax: +39 051 6098705, e-mail: nuch2000@bo.infn.it, WWW: <http://nuch2000.bo.infn.it>

“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://www.nsg.kosufy.lu.se/pingst2000/>.

“VIII Hispalensis International Summer School in Nuclear Physics 2000: Master’s Lessons,” 11–23 June 2000, Oromana (Sevilla), Spain. Contact: Dr. J. M. Arias, Departamento de Fisica Atomica, Molecular y Nuclear, Facultad de Fisica, Apto 1065, 41080 Sevilla, Spain, Telephone: 34-95-4552889, Fax: 34-95-4552890, e-mail: pepe@romantico.us.es, WWW: <http://www.cica.es/aliens/dfamnus/oromana/oromana.html>.

“Neutrinos 2000,” XIX International Conference on Neutrino Physics and Astrophysics, 16–21 June 2000, Laurentian University, Sudbury, Ontario, Canada. Contact: Prof. Doug Hallman, Telephone: 705-675-1151, ext 2231, e-mail: nu2000@nrc.ca, WWW: www.nrc.ca/confserv/nu2000.

“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>.

“NS2000, Nuclear Structure 2000,” 15-19 August 2000, Kellogg Center, MSU, East Lansing, Michigan. Secretary: Shari Conroy, Telephone: 517-333-6333, Fax: 517-353-5967, e-mail: NS2000@nscl.msu.edu, WWW: <http://www.nscl.msu.edu/ns2000>.

“International Workshop on Resonances in Few-Body Systems,” 4–8 September 2000, Sarospatak, Hungary. Contact: A. T. Kruppa, Institute of Nuclear Research, Debrecen, Pf. 56, Hungary H-4001, e-mail: res2000@theory.atomki.hu, WWW: <http://theory.atomki.hu/res2000>.

“Second International Balkan School on Nuclear Physics,” 12–19 September 2000, Bodrum, Turkey. Contact: Baki Akkus, WWW: <http://nucleus.istanbul.edu.tr>.

“CAARI 2000,” 16th International Conference on Applications of Accelerators in Research and Industry, 1–4 November 2000, University of North Texas, Denton, Texas. Contact: J. L. Duggan, University of North Texas, P.O. Box 311247, Denton, TX 76203-1247, Telephone: 940-565-3252, Fax: 940-565-2227, e-mail: jduggan@unt.edu, WWW: <http://orgs.unt.edu/CAARI>.

“Nuclear Physics in Astrophysics,” 17th EPS-Nuclear Physics Division International Conference, 15–19 January 2001, Eilat, Israel. Contact: Naftali Auerbach (Chair), Tel Aviv University, Telephone: +972-3-640-7215, Fax: +972-3-640-7964, e-mail: auerbach@post.tau.ac.il, WWW: <http://www.tau.ac.il/~eilat01>.

“Physics of Radioactive Nuclei,” 11–14 March 2001, Oak Ridge, Tennessee. Contact: Carl Gross, Oak Ridge National Laboratory, Telephone: 865-576-7698, e-mail: isol01@mail.phy.ornl.gov, WWW: <http://www.phy.ornl.gov/hrifb/isol01/>.

“MENU2001,” 6–31 July 2001, Washington, DC. Contact: William Briscoe, The George Washington University, Telephone: (202) 994-6788, e-mail: briscoe@gwu.edu; or Helmut Haberzettl, The George Washington University, Telephone: (202) 994-0886, e-mail: helmut@gwu.edu.

“INPC 2001,” International Nuclear Physics Conference, 30 July – 3 August 2001, University of California, Berkeley, California. Contact: INPC 2001, Lawrence Berkeley National Laboratory, 1 Cyclotron Road, MS 937, Berkeley, CA 94720, e-mail: inpc2001@lbl.gov, WWW: <http://www.lbl.gov/~inpc2001/>.

WALTER F. HENNING Chair Gesellschaft fuer Schwerionenforschung mbH Planckstrasse 1 64291 Darmstadt Germany Fax: +49-6159-71-2991 henning@gsi.de	R. G. HAMISH ROBERTSON Chair-Elect Department of Physics University of Washington Box 351560 Seattle, WA 98155 Phone: (206) 616-2745 Fax: (206) 616-2902 rghr@u.washington.edu	JOEL M. MOSS Vice-Chair Physics Division Los Alamos National Laboratory P-25, MS H846 Los Alamos, NM 87545 Phone: (505) 667-1029 Fax: (505) 665-7920 jmm@lanl.gov	BENJAMIN F. GIBSON Secretary-Treasurer DNP, MS B283 Los Alamos National Laboratory Los Alamos, NM 87545 Phone: (505) 667-5059 Fax: (505) 667-1931 dnp@qmc.lanl.gov
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