

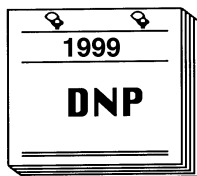
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**TO: Members of the Division of Nuclear Physics, APS**  
**FROM: Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP**

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**ACCOMPANYING THIS NEWSLETTER:**

- APS Centennial Meeting DNP Symposia
- DNP Fall Meeting Speaker Nomination Form
- Annual Reviews Information Flyer



**Future Deadlines**

- **1 April 1999** — APS Fellowship Nominations
- **15 April 1999** — Speaker Nominations for Fall Meeting
- **1 July 1999** — Nominations for Bonner Prize
- **1 July 1999** — Nominations for Bethe Prize
- **1 July 1999** — 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 "[dnpp@theory.phy.anl.gov](mailto:dnpp@theory.phy.anl.gov)".

**1. RESULTS OF ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 1999**

By the deadline date of 20 January 1999, 579 properly identified ballots were received for the election of officers and members of the Executive Committee. The results of the election are as follows: Joel M. Moss was elected as Vice-Chair and Benjamin F. Gibson was elected as Secretary-Treasurer for one-year terms. Christopher R. Gould, Brian Serot, and T. James Symons were elected to two-year terms on the Executive Committee. The counting of the ballots was done by Tellers Dirk Hueber, Todd Smith, and Mark Chadwick and supervised by Kay Grady, all of LANL. The members of the 1999 Executive Committee, who assume their duties at the APS/AAPT Spring Meeting, are as follows:

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, UC Berkeley/LBNL, Past Chair  
(1999)  
Benjamin F. Gibson, LANL, Secretary-Treasurer  
(1999)  
John Schiffer, ANL, Divisional Councilor  
(December 1999)  
J. Dirk Walecka, College of William & Mary  
Divisional Councilor (December 2001)  
Christopher R. Gould, N. Carolina State  
Univ. (2000)  
Richard Milner, MIT/Bates (1999)  
Robert P. Redwine, MIT (1999)  
Brian Serot, Indiana University (2000)  
T. James M. Symons, LBNL (2000)  
John F. Wilkerson, U. Washington (1999)

**2. CALL FOR DNP COMMITTEE SUGGESTIONS**

The terms of some of the members of the following DNP committees expire in April 1999: Bethe, Bonner, Fellowship, Nominating, Home Page, and Education. Suggestions from the DNP membership for new members of these committees for 1999 are welcome and should be sent to Walter F. Henning. A complete list of committee members for 1999 will be published in the August newsletter.

**Inside . . .**

- Bonner, Bethe, Dissertation Award Winners
- 1998 Fellows
- Spring Meeting Preview
- Call for Prize/Fellow Nominations
- Fall Meeting at Asilomar
- Electronic First Publication of *Physical Review*
- DNP98 Highlights
- Annual Reviews Orders
- Future Conferences

### 3. 1999 BONNER PRIZE WINNER

Vijay R. Pandharipande of the University of Illinois has been awarded the 1999 Tom W. Bonner Prize in Nuclear Physics. The citation reads:

“For fundamental contributions in determining the structure of light nuclei by solving the Schroedinger problem with more than three nucleons using realistic nucleon-nucleon interactions supplemented by three-body forces.”

### 4. 1999 BETHE PRIZE WINNER

Edwin E. Salpeter of Cornell University has been awarded the 1999 Bethe Prize. The citation reads:

“For wide-ranging contributions to nuclear and atomic physics and astrophysics, including the triple-alpha reaction, electron screening of nuclear reactions, charged-current emission of neutrinos, and the form of the stellar initial mass function.”

### 5. 1999 DISSERTATION AWARD WINNER

Eric Hawker of Texas A&M University has been awarded the 1999 Dissertation Award. The citation reads:

“Eric Hawker’s major contributions to the measurement and analysis of the Drell-Yan cross section ratio for 800 GeV/c protons on deuterium and hydrogen targets have made possible the first determinations of ratio and difference of anti-up quark and anti-down quark densities in the nucleon as functions of the anti-quark momentum fraction. The results are helping to elucidate the role played by perturbative and non-perturbative Quantum Chromodynamics in the structure of the nucleon.”

### 6. NEW DNP FELLOWS

The following DNP members are newly elected (1998) Fellows of the APS. Please join us in offering congratulations.

*Joseph Carlson*  
*Marie-Agnes Deleplanque*  
*Jacek Dobaczewski*  
*Paul Ellis*  
*Alejandro Frank*  
*Gerald Hoffmann*  
*David Kaplan*  
*Patrick McGaughey*  
*Karl Ernst Rehm*  
*Bradley Sherrill*  
*Paul Souder*  
*Werner Tornow*  
*Michael Wiescher*

### 7. THE APS CENTENNIAL MEETING IN ATLANTA, GA, 20–26 MARCH 1998

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 minisymposia and the usual contributed sessions. See the enclosed symposia listing.

The DNP has organized six minisymposia at the Centennial. Each of the minisymposia 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 minisymposium because of time constraints have been placed in a traditional DNP contributed paper session. The minisymposia for the Centennial meeting are:

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 organized G.11.a – G.11.d as part of a series of four minisymposia 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 minisymposium is primarily for theoretical predictions, but the day-1 capabilities for the detection of various signatures will also be covered. Steve Elliot and Hamish Robertson organized G.11.e on the topic of solar neutrinos, and Naomi Makins organized G.11.f on the structure of the nucleon.

### 8. 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.

### 9. 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.

## **10. 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. To expedite the process, copies of the thesis should be made available for the five committee members. These materials are required for each nominee and should be sent to Dr. W. F. Henning, Physics

Division - 203, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439.

## **11. 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.

## **12. DNP FALL MEETING IN ASILOMAR, CA, 20-23 OCTOBER 1999**

Invited speaker nominations for the DNP99 fall meeting are due April 15. Included with this newsletter is a speaker nomination form.

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society will be held 21-23 October 1999 at the Asilomar Conference Center in Pacific Grove, California. Two associated topical workshops will be held on 20 October. Asilomar is a popular location for the Division's Fall Meeting. Attendance at the 1993 Asilomar meeting was 644. Situated on California's scenic coastline in a self-contained conference center, the beautiful and secluded campus is well suited to our meeting and provides many opportunities for additional discussion and exchange.

All conference meetings and sessions will be held on Asilomar conference grounds. Asilomar is located between the popular destinations of Carmel and Monterey several hours from the three international airports in the San Francisco Bay Area. A small regional airport also services the Monterey Bay Area. In the fall the Pacific Ocean frequently produces cool and foggy evenings in the 40's and 50's while days usually warm up to the 60's and 70's. Casual dress and comfortable walking shoes are encouraged since the Fall Meeting will use all of Asilomar's 109 acres.

Asilomar Conference Center provides meals and accommodations. The semi-cafeteria style dining hall can accommodate essentially all dietary requirements with proper notification. On-site housing is limited to ~ 750 beds. There are no single rooms available at Asilomar. The rooms are doubles and triples and quads. **You are encouraged to arrange your own roommates for the conference.** However, the local committee will assist as required to optimize the use of Asilomar. The rooms do not have phones or televisions. Pay phones are available throughout the campus. Additional hotel and motel facilities will be blocked out to handle overflow and additional needs. Early registration and housing forms will appear in the May newsletter as well as the May issue of "APS Meeting News."

Two workshops will be held in conjunction with the meeting. "Quark and Lepton Mixing: the CKM Matrix and Beyond" is being organized by Brian Fujikawa (Chair), LBNL, John Beacom, Caltech, Alan Poon, LBNL, and Tom Steiger, University of Washington. "Structure Functions of Heavy Nuclei at RHIC" is being organized by Spencer Klein (Chair), LBNL and Ramona Vogt, University of California at Davis and LBNL.

The local organizing committee consists of Brian Fujikawa, Spencer Klein, Kevin Lesko (Chair), Augusto Macchiavelli, and Doug Olson, LBNL.

The early registration and hotel deadline is August 15, 1999. For meeting information, please contact Mollie Field, LBNL Conference Coordinator, MS 936, Lawrence Berkeley National Laboratory, Berkeley, California 94720. E-mail can be sent to MOField@lbl.gov. The Fax number is 510-486-5548; telephone is 510-486-6386. The conference web site is www-DNP99.lbl.gov.

The deadline for electronic submission of abstracts is 1 July 1999. The meeting ID is DNP99. Instructions and templates can be obtained by sending a message to aps-info@aps.org; put DNP99 as the subject and in the body of the message.

### 13. DNP98 TEACHERS' DAY, A. Palounek

When New Mexico teachers signed up to attend the Teachers' Day during the fall DNP meeting, they didn't expect to have to face the first snowstorm of the year. Six teachers (of the 27 registered) braved heavy snows and slick roads to attend a cozy and fun day of activities and experiments.

Kathy Prestridge of Los Alamos, the first speaker on the program, was another victim of the snow. After Hubert van Hecke guided the teachers through a set of experiments demonstrating scattering and a grade-school level demonstration/explanation of "why the sky is blue," Andrea Palounek attempted to recreate Kathy's talk and demonstration on fluid instabilities. With some fumbling and laughter, we had fun demonstrating how a mesh of different sizes can prevent instabilities from forming on the surface of water, and thus hold water in baby-food jars turned upside-down.

Peggy McMahon spoke about the Nuclear Physics Wall Chart. After explaining the Chart in some detail, she answered numerous questions and gave away small versions of the Chart. One lucky teacher, chosen by drawing, received a full-size wall chart to take back to her classroom. Carol Wilkinson gave an excellent presentation about radioactivity and half-life, with samples of everyday materials that are (or are not) radioactive. The teachers explored the concept of half-life in an experiment involving Skittles candy.

After lunch, where members of the DNP executive committee and others joined the teachers and presenters, Andrea Palounek led the teachers in creating a "human accelerator." Tennis balls simulated particle packets passing through the cavities of a linac. Jim Amann then explored Monte Carlo methods, culminating with an activity to determine the value of  $\pi$ .

Given the weather, the workshop closed early to allow teachers and presenters to return home safely during the storm. Every teacher carried away a kit of materials and handouts to repeat the experiments of the day, as well as a list of resources pertaining to the subjects. The day was great fun and one that teachers and presenters alike said they enjoyed and found worthwhile.

### 14. CEU PROGRAM AT DNP98, W. F. Rogers

Initiated at the Santa Fe Division of Nuclear Physics fall meeting was a new program for undergraduate students entitled the "Conference Experience for Undergraduates" (CEU). The program consisted of several activities designed to provide a "capstone" conference experience for undergraduate students participating in experimental and theoretical nuclear physics research. Students presented their research poster sessions and interacted with members of the professional community, discussing research and graduate school opportunities. Warren Rogers, Assoc. Professor of Physics at Westmont College, was principally responsible for organizing the event.

On-line application for the CEU consisted of submission of student research abstracts and statements of their individual contributions to the larger research effort. Applications were reviewed by a CEU selection committee. Travel and lodging awards were granted to many of the students based on the quality of their work. These awards were funded largely by the National Science Foundation and the Department of Energy (the DOE funds were administered through Lawrence Berkeley National Lab, Los Alamos National Lab, Argonne National Lab, and Oak Ridge National Lab). A total of 59 students from 41 colleges and universities around the country and abroad attended; more than 25% of the participating students were women.

CEU students presented their research in two separate poster sessions. The posters were located in the rear portion of the main ballroom and remained on display for the duration of the fall meeting. The students participated fully in the conference activities such as plenary, invited, and contributed sessions, workshops, and the Friday evening banquet. In addition, the CEU program included activities designed to provide students with a broad conference experience. On Wednesday afternoon students attended a DNP hosted reception at which DNP Chair Stuart Freedman officially welcomed them. Freedman introduced several officers and members of the DNP community and encouraged the students to make the most of their conference experience and the opportunity to visit the local Santa Fe area. Eric Norman, Lawrence Berkeley National Laboratory, delivered a keynote address entitled, "What's Hot In Nuclear Physics," an overview of current nuclear physics research. Norman distributed copies of the recently published

Nuclear Science Wall Chart, which he used as a template for his talk to address such topics as nuclear astrophysics and cosmology, the Standard Model, solar neutrino experiments, searches for a quark gluon plasma, exploration of nucleon substructure, etc. CEU students attended the opening meeting reception, followed by a special presentation entitled, "David Schramm: Celebration of a Life in Science." On Thursday and Friday, the University of North Carolina and Michigan State University sponsored lunches for the students, during which an overview of their respective graduate school programs was presented. Students also attended a special talk by Harry Lipkin on the early days of the quark model, and took a bus to Los Alamos for a tour of the Lab grounds and a visit to the Bradbury Science Museum in downtown Los Alamos.

According to Rogers, student response to the CEU experience was very positive, as was the reception they received from the larger DNP community. They enjoyed meeting one another and comparing their research experiences. Many found it inspiring and motivating to learn of the research being done by their peers around the country. They also enjoyed meeting members of the DNP community and discussing research and graduate school opportunities. Their energy and enthusiasm was somewhat contagious. Their presence was sincerely appreciated by the larger community.

Plans for the next CEU at the fall 1999 DNP meeting in Asilomar, CA, are already underway. The CEU home page, complete with a listing of student abstracts, the program of activities, and several photos can be found at <http://pulsar.westmont.edu/physics/dnp98/>.

#### 15. 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.

#### 16. FUTURE APS SPRING MEETING INFORMATION

2000	April 29 – May 2	Long Beach, LA
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The 2000 meeting will be on the west coast, in Long Beach, CA. A site for the 2001 April meeting is being investigated by the APS Meetings Department.

#### 17. E-MAIL ADDRESS INFORMATION REQUESTED

The APS membership directory is now online through the APS Web site (<http://aps.org>). Check your own address information — name of the service (directory) and the password (F=ma) are case sensitive. Most importantly, update your e-mail address. Despite being computer literate authors — some 85% of the submissions to *Phys. Rev. C* are compusercripts — 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.

#### 18. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

The Division has continued the agreement with Annual Reviews, Inc., which will enable DNP members to obtain copies of the "Annual Review of Nuclear and Particle Science" at a 30% discount 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% Goods and Services Tax (Reg. #121449029 RT).*

#### 19. FUTURE CONFERENCES

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

**"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](mailto:news99@rcnp.osaka-u.ac.jp), WWW: <http://www.rcnp.osaka-u.ac.jp/~news99>.

**"Nuclear Matter, Hot And Cold: A Symposium in Memory of JUDAH M. EISENBERG (1938–1998),"** 14–16 April 1999, Tel Aviv and Bethlehem. Contact: Danny Ashery; Workshop Secretariat e-mail: [jmesym@muon.tau.ac.il](mailto:jmesym@muon.tau.ac.il), WWW: <http://www-nuclear.tau.ac.il/~jmesym>.

**“6th International Conference on ‘Squeezed States and Uncertainty Relations (ICSSUR’99)’,”** 24–29 May 1999, Naples. Contact: ICSSUR6 Organizing Committee, Università “Federico II,” Dipartimento Scienze Fisiche, Complesso Universitario Monte S. Angelo v. Cintia, 80126 Napoli (Italy). E-mail: icssur@na.infn.it, Telephone: +39-081-7253305/676122, Fax: +39-081-676346, WWW: <http://www.na.infn.it/Strmat/icssur/fronte.htm>.

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

**“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),”** 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: m b x @ p h y s . w a s h i n g t o n . e d u , WWW: <http://www.phys.washington.edu/~mbx>. Conference advertising, correspondence, registration, etc. will be done electronically through <http://www.phys.washington.edu/~mbx>.

**“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: d w v e h a r @ s a n d i a . g o v , 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.

**“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>.

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