

Newsletter No. 135 May 2003

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

ACCOMPANYING THIS NEWSLETTER:

• DNP Nomination Ballot



Future Deadlines

•	1 July 2003 –	- User Group Deadline in order to appear in		
	the October Bulletin			
	1 July 2002	Nomination Ballot for DND Election		

- 1 July 2003— Nomination Ballot for DNP Election
- 1 July 2003 Contributed Abstracts, DNP03 Fall Meeting
- 1 July 2003 Nominations for Bonner Prize
- 1 July 2003 Nominations for Bethe Prize
- 1 July 2003 Nominations for Dissertation Award
- 27 August 2003 DNP03 Early Registration Deadline
- 16 September 2003 DNP03 Hotel Reservations Deadline

HOME PAGE for the DNP:<u>http://dnp.nscl.msu.edu</u>

The home page for the Division of Nuclear Physics is now available at "<u>http://dnp.nscl.msu.edu</u>." Information of interest to DNP members -- current research topics, deadlines for meetings, prize nominations, forms, and useful links are provided. Each DNP Newsletter is posted, in advance of the copy sent via post. Comments and suggestions are solicited. Please send them to Thomas Glasmacher at "dnpweb@nscl.msu.edu"

1. DNP COMMITTEES

Executive Committee

A. Baha Balantekin, U. Wis, Chair (2003)
Donald F. Geesaman, ANL, Chair-Elect (2003)
Bradley M. Sherrill, MSU, Vice Chair (2003)
Charles Glashausser, Rutgers, Past Chair (2003)
Benjamin F. Gibson, LANL, Sec.-Treas. (2003)
Bunny C. Clark, Ohio State Univ. Divisional Councilor (December 2005)
Alejandro Garcia, Notre Dame (2003)
John C. Hardy, Texas A&M (2003)
Calvin R. Howell, Duke Univ. (2004)
Naomi C. R. Makins, U. Illinois (2004)
Gail McLaughlin, N. Carolina St. (2004)
Willem T. H. van Oers, Manitoba (2003)

<u>Program_Committee</u>

Donald F. Geesaman, ANL, (Chair) Bradley M Sherrill, Michigan State Univ., (Vice Chair) A. Baha Balantekin, U. Wisconsin, (Past Chair, 2002)
Charles Glashausser, Rutgers Univ., (Past Chair, 2001)
B. F. Gibson, LANL, (Secretary-Treasurer)
A. Aprahamian, Notre Dame Univ.
J. Blackmon, ORNL
B. Barrett, Univ. of Arizona
B. Beise, Univ. of Maryland
P. Chowdhury, Univ. of Massachusetts - Lowell
S. Elliott, Univ. of Washington
U. Heinz, Ohio State Univ.
G. McLaughlin, N. Carolina State Univ.
T-S. Lee, ANL
D. Mack, TJNAF
M. Thoennessen, Michigan State Univ.
J. Thomas, LBNL

Remaining committees will appear in August.

2. NOMINATIONS OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2004

Terms of the officers and three members of the present Executive Committee will expire at the close of the regular meeting of the Division to be held in conjunction with the APS spring meeting in Denver, CO, May 2004. Donald F. Geesaman will become Chair, Bradley M. Sherrill will become Chair-Elect, and Calvin R. Howell, Naomi C. R. Makins, and Gal McLaughlin 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 2003.

The enclosed nominating ballot must be signed and may be returned in the enclosed envelope with your name and address printed or signed legibly in the upper left hand corner of the envelope. The nominating ballot can be downloaded. It should be received by **Benjamin F. Gibson** on or before **1 July 2003** in order to be

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counted. The DNP bylaws require that a nominee proposed for a given post by not fewer than one-fiftieth of the members (48 for this election) shall be deemed nominated for that post.

If you are a DNP member, please exercise your right to nominate candidates for the upcoming DNP elections. In 2002 there were only 119 nomination forms received by the Secretary-Treasurer. More members vote in the DNP elections, but in January 2003 only some 586 election ballots were mailed in by members. <u>It is important</u> to vote!

CALL FOR 2004 PRIZE/AWARD NOMINATIONS

3. NOMINATIONS FOR THE 2004 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. Haeberli, 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, R. Arnold, R. Geller and C. Lyneis, J. D. Bowman, and A. B. McDonald.

The purpose of this prize, which currently consists of \$7,500 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 may 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, specific information that allows one to determine 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 2003 to: John C. Hardy, Cyclotron Inst., Texas A&M Univ., College Station, TX 77843.

4. NOMINATIONS FOR THE 2004 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, I. Talmi, G. E. Brown, and M. C. T. Wiescher.

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 2003 to: Thomas J. Bowles, P23 MS-H803, Los Alamos National Lab., Los Alamos, NM 87545.

5. NOMINATIONS FOR THE 2004 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, John Arrington, Daniel Bardayan, Juinn-Wei Chen, and Karsten Heeger.

Nature: The award consists of \$2000 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.

<u>Rules and Eligibility</u>: 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 2003.

Send before *1 July 2003* 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 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. A. B. Balantekin, Dept. of Physics, Univ. of Wisconsin, 1150 University Ave., Madison, WI 53706.

6. FUTURE DNP FALL MEETINGS

2004	Oct. 27 – 30	Chicago, IL
2005	Sep. 20 – 24	Maui, HI

The dates include the Wednesday "workshops," which are normally 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. The 2001 Maui meeting was an exception — no workshops but a four-day 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.

7. FUTURE APS SPRING MEETING INFORMATION

2004	May 1 – 4	Denver, CO
2005	April 16 – 19	Tampa, FL

The 2004 APS Spring Meeting will move to Denver, CO and the 2005 meeting will be in Tampa, FL. Any comments/suggestions should be sent to APS Meetings Manager, Donna Baudrau (baudrau@aps.org).

8. NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL J. Blackmon & D. Dean

The Fifteenth National Nuclear Physics Summer School will be held on the campus of the University of Tennessee in Knoxville, TN, 16-27 June. The school is sponsored by the National Science Foundation, the Department of Energy's Institute for Nuclear Theory, Oak Ridge National Laboratory, and the University of Tennessee. The school lecturers will be:

Peter Parker	"Nuclear Astrophysics"
Erich Ormand	"Nuclear Structure"
Raju Venugopalan	"High Energy Nuclear Physics in the
	Collider Era"
Eric Swanson	"The Structure of Hadrons"
Alejandro Garcia	"Weak Interactions in the Nucleus"
Gail McLaughlin	"Neutrino Physics"

There will be three additional seminars: Glenn Young on "Results from RHIC", Rocco Schiavilla on "Electromagnetic Structure of Light Nuclei", and Geoff Greene on "Fundamental Physics with Neutrons". All information can be found at the school's URL: <u>http://www.phy.ornl.gov/npss03/</u>

9. 2003 DNP FALL MEETING IN TUCSON AZ, OCTOBER 28—NOVEMBER 1, B. Barrett

The 2003 Fall Meeting of the Division of Nuclear Physics (DNP) will be held at the Marriott University Park Hotel near the campus of the University of Arizona (UA) from Thursday, October 29th, through Saturday, November 1st. The meeting will follow the traditional format, opening with a plenary session on Thursday, having a Town Meeting on Friday, and concluding Saturday afternoon. Two topical workshops will be held in parallel on the preceding Wednesday. Updated information and registration are available via the conference web site: "http://www.physics.arizona.edu/~dnp03"

Hotel

The Marriott University Park Hotel is the Headquarters Hotel and Conference Center for DNP 2003. Two hundred rooms are reserved at the Marriott at the conference rate of \$109/night, plus taxes (single or double room). An additional 100 rooms are reserved at the Four Points by Sheraton Tucson University Plaza at a discount rate of \$79/night. The walk from the Four Points Sheraton to the Marriott through the UA campus takes about 20 minutes.

Registration and Hotel Reservations

Registration and hotel reservations must be made through the conference website given above.

Hotel reservations should be made by September 16, 2003 in order to obtain the discounted rate. Early registration will end on August 27, 2003 (note that this is approximately eight weeks after the abstracts are due).

Registration costs are given in the following table.

	Members	Non members	Students	Work shop
Early Reg. (by Aug 27)	\$140	\$300	\$70	\$35
Late Reg. (Aug. 28-Oct. 22)	\$190	\$350	\$85	\$50
On-site Reg.	\$240	\$400	\$100	\$65

A banquet will be held at Old Tucson Movie Studios on Friday evening at an additional cost of \$50. The fee includes bus transportation to Old Tucson from the Marriott and back and access to Old Tucson's recreational activities.

Venue and Transportation

The meeting will be held at the Marriott University Park Hotel. The hotel is adjacent to the campus of the University of Arizona and to several shops and restaurants. Car parking is provided by the Marriott for an additional cost. Taxis are available for the \sim 20-minute trip from the Tucson International Airport. Shuttle service by the Arizona Stagecoach (phone 520-881-4111) is available from the airport to the Marriott and Four Points Sheraton at a reduced cost. The Tucson airport is connected by direct flights to several major cities.

Meeting Structure

The meeting will consist of invited talks and minisymposia along with the traditional contributed talks. The invited sessions were arranged by the DNP Program Committee at its Spring Meeting. Invited speaker nominations were due March 14, 2003.

The regular meeting will be preceded by two all-day workshops that will run in parallel. One workshop is entitled "QCD, Confinement and Heavy-Ion Collisions" and will be organized by M.J. Leitch (LANL), G. Odyniec (LBL), H.G. Ritter (LBL), I. Sarcevic (Arizona) and R.L. Thews (Arizona). The other workshop is entitled "Nuclear Astrophysics" and will be organized by A. Burrows (Arizona) and S. Woosley (UCSC). More information on the workshops is available from the organizers.

A reception and public lecture will be hosted by the University of Arizona on Wednesday evening. User-group or other satellite meetings can be accommodated on Thursday evening; please contact Complete Conference Coordinators at the address below by September 1st for meeting-room reservations.

Abstracts

The deadline for submission of abstracts is July 1, 2003. The meeting ID is DNP03. Instructions can be found at <u>http://www.aps.org/meet/abstracts/meet-abstract.html</u>. The APS no longer accepts abstracts by email. Direct web submission of abstracts can be made through <u>http://abstracts.aps.org</u>. Please note that the LaTex-based processor properly handles ONLY the commands provided in the template.

Undergraduate Program

Undergraduate students are encouraged to contact W. Rogers by email at <u>rogers@westmont.edu</u> about travel support through the Conference Experience for Undergraduates (CEU) program.

Organizers

The conference is organized by Complete Conference Coordinators (CCC), phone: 630-416-3030, fax: 630-416-3333, email: info@cccmeetings.com, or website: http://www.cccmeetings.com, which is also linked to the conference website given above.

Local Organizing Committee

B. Barrett (chair), I. Sarcevic (co-chair), U. van Kolck (co-chair), D. Barker, A. Burrows, K. Dienes, D. Donahue, B. Gelman, A. Levine, J. McCullen, L. McIntyre, R.L. Thews.

Important Dates

1 July 2003	Submission of abstracts	
27 August 2003	Early registration ends	
1 September 2003	Requests for satellite meetings	
16 September 2003	Hotel reservations at the conference	
-	rate	
22 October 2003	Late registration ends	

10. FALL MEETING MINI-SYMPOSIA

Mini-symposia will again be a part of the 2003 Fall Meeting in Tucson. Mini-symposia are focused sessions in which an invited speaker sets the tone for the topic, provides an overview and introduction, highlights new developments, etc. That talk is followed by related contributed papers. Abstracts are submitted in the usual manner; that is, abstracts are submitted to APS HQ electronically.

To insure that your abstract is considered for the mini-symposia in which you wish to participate, it is necessary that your abstract be identified with the appropriate code. There is no guarantee that all abstracts submitted for a given mini-symposium can be accommodated in that contributed paper session. In the event that more abstracts are received than can be accommodated, the additional abstracts will be assigned to another related contributed paper session. See item #11 for topics.

11. DNP03 INVITED SESSIONS AND MINI-SYMPOSIA, D.F. Gessaman

The DNP program Committee, chaired by Don Geesaman, has organized three invited speaker topic sessions at DNP03 (Tucson). There will be one voted session of speakers nominated by the DNP membership, and one session created by the DNP03 Local Organizing Committee. The Local Committee's session is titled "Microscopic Nuclear Structure." The three topic sessions along with their organizers are:

1. "Techniques in the Applications of Nuclear Physics" (organized by H. Lee and D. Mack)

- "Physics of Neutron-Rich Nuclei" (organized by J. Blackmon, P. Chowdhury, and M. Thoennessen)
- 3. "Nuclear Physics of Supernovae" (organized by S. Elliot and G. McLaughlin)

In addition, there will be five mini-symposia organized at DNP03. The session topics and Program Committee organizers are:

- Progress in Nucleon Elastic Form Factors (D. Mack)
- 13b. Deuteron-Gold Collisions at RHIC (U. Heinz)
- 13c. Collective Flow in relativistic heavy Ion Collisions (U. Heinz and J. Thomas)
- 13d. Collective Modes in Nuclei (A. Aprahamian and B. Barrett)
- 13e. Generalized Parton Distributions (E. Beise)

Please note that the mini-symposia numbers correspond to the sorting categories to which contributed papers should be submitted in order to be considered for placement in a given mini-symposium. It is suggested that any potential author of a contributed paper abstract intended for a particular mini-symposium contact the appropriate organizer regarding participation.

12. DNP HOMELAND SECURITY COMMITTEE, P.D. Bond

The DNP has formed an ad-hoc committee on Homeland Security. Its role is to serve as a resource for both DNP members and agencies involved in this area. For researchers it will point out opportunities and needs of various agencies and for the agencies it should provide a way to find people who might serve as reviewers of proposals or as advisors. There will also be an educational component for DNP members. The members of the committee are Peter Bond (BNL, Chair), Con Beausang (Yale), Mark Chadwick (LANL), Harry Miley (PNNL), Jim Morgan (LLNL), Jerry Peterson (Colorado) and Lee Schroeder (LBNL). A web page is being developed and will appear on the DNP web site.

13. PHYSICAL REVIEW C TOC ALERT SERVICE

The APS has initiated a test service of which DNP members might wish to take advantage. A Table of Contents (ToC) is now being sent to those subscribers who had been receiving alerts with the closing of each on-line issue of Phys. Rev. C. The ToC contains the title, author(s), and specific URL link to the journal for each article in that on-line issue.

To subscribe to this service one must know one's APS web name and password. Go to the APS web site at "http://www.aps.org". Click on the "Membership Services" link. Click on the "Members Only" link. In the "Member Maintenance" box, click on "Email Lists Opt In/Out". Check the appropriate box and submit.

Anyone who wishes to Opt Out of the service need only go to the bottom of one of the alert messages and follow the simple instructions given there.

The DNP appreciates very much the efforts of Tracy Alinger and her staff (especially Xiaoyan Weng) in College Park plus those of Chris Wesselborg and Louise Bogan at Ridge in this endeavor. The DNP also thanks Judy Franz, Martin Blume, and Stanley Brown for their support in making this service happen, and Sam Austin for starting the ball rolling.

14. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

Ordering Procedure: Orders should be sent directly to: Annual Reviews, Attn: Clarette Tupper, Customer Service, 4139 El Camino Way, P. O. Box 10139, Palo Alto, CA 94303-0139 (e-mail: ctupper@annualreviews.org). DNP membership will be verified through the DNP prior to shipment of orders.

Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. 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 - 50 are \$70/\$75 retail and \$49/\$52.50 for DNP members. Volume 51 is \$75/\$80 retail and \$52.50/\$56.00 for DNP members. The DNP member discount is ~30%.

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 should accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *All orders shipped to Canada require the addition of a 7% GST (Reg. #121449029 RT).*

15. FUTURE CONFERENCES

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

"Generalized Parton Distributions and Hard Exclusive Processes," 23 June – 29 August 2003 Xiangdong Ji, xji@physics.umd.edu, 301-405-7277; Anatoly Radyushkin, radyush@jlab.org, 757-269-7377; Andreas Schaefer, E-mail: andreas.Schaefer@ui-regensburg.de, 49-941-943-2007, http://int.phys.washington.edu.

"17th International IUPAP Conference on Few-Body Problems in Physics" 5-10 June 2003, Durham, North Carolina Contact: W. Tornow, Dept. of Physics, Box 90308, TUNL, Duke University, Durham, NC 27708-0308 <u>http://www.tunl.duke.edu/fb17</u> Email: <u>FB17@tunl.duke.edu</u> Fax: 919-660-2634

"International Workshop on Weak Interactions in Nuclei and Astrophysics: Standard Model and Beyond," 16-21 June 2003,, ECT* Trento, Contact: Cristina Volpe, Email: <u>volpe@tphys.uni-heidelberg.de</u>, <u>http://nucth.physics.wisc.edu/conferences/ect/</u>

"International Symposium on Electrophoto-production of Strangeness on Nucleons and Nuclei - SENDAI03," 16–18 July 2003, Sendai International Center, Sendai, Japan, . Osamu Hashimoto, E-mail: <u>sendai03@lambda.phys.tohoku.ac.jp</u>, Fax: 81-22-217-6455,

http://lambda.phys.tohoku.ac.jp/sendai03.html

"LOWq-03: 2nd Workshop on Electromagnetic Nuclear Reactions at Low Momentum Transfer," 17–18 July 2003, Saint Mary's University, Halifax, NS, Canada. Organizers: Adam Sarty (Saint Mary's University) and Henry Weller (Duke University), lowq03@ap.smu.ca, Fax: 902-496-8218, http://www.ap.smu.ca/LOWq03

"Nuclear Physics Gordon Research Conference," 20-25 July 2003, Colby College, Waterville, Maine, Chair: Barry Holstein, U. Mass., Email: <u>holstein@physics.umass.edu</u>, Prg <u>http://www.grc.org/programs/2003/nucphys.htm</u>, Reg: <u>http://www.grc.org/attend.htm</u>.

"Theories of Nuclear Forces and Nuclear Systems," 29 September, 2003–5 December, 2003 Richard Furnstahl, <u>furnstahl.1@osu.edu</u>, 614-292-4830; Benjamin Gibson, <u>bfgibson@lanl.gov</u>, 505-667-5059; Rob Timmermans, <u>timmermans@kvi.nl</u>, 31-50-3633570; Ubirajara van Kolck, <u>vankolck@physics.arizona.edu</u>, 520-621-4230, <u>http://int.phys.washington.edu</u>.

"International Conference Fusion03: From a Tunneling Nuclear Microscope to Nuclear Processes in Matter", 12-15 November 2003 Tohoku University, Sendai, Japan, Contacts: N. Takigawa, takigawa@nucl.phys.tohoku.ac.jp, 81-(0)22-217-6457, fax 81-(0)22-217-6460; J. Kasagi kasagi@lns.tohoku.ac.jp, 81-(0)22-743-3420, fax: 81-(0)22-743-3401; http://www.nucl.phys.tohoku.ac.jp/fusion03/

"Quarks in Hadrons and Nuclei II," 15-20 September 2003, Rothenfels Castle, Oberwoelz, Austria C-chairs: Harald Fritzsch/ Willibald Plessas Univ. Muenchen/Univ. Graz <u>http://physik.uni-graz.at/itp/quarks/</u> e-mail: theor.physik@uni-graz.at

"VIII International Conference on Hypernuclear and Strange Particle Physics (HYP2003)," 14-18 October 2003, Jefferson Lab, Contact: Cornelius Bennhold, George Washington University, <u>http://www.jlab.org/HYP2003/</u> e-mail: <u>HYP2003@jlab.org</u>

"2003 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC 2003)," 19-24 October, 2003, Portland, Oregon, Chairman: Ralph B. James Brookhaven Nat. Lab. <u>http://www.nss-mic.org, e-mail: rjames@bnl.gov</u>.

"International Symposium on Pulsed Neutron Science and Instruments (IPN2003)," 27-30 October 2003, Tsukuba, Japan, UK-Japan Neutron Science Workshop (UKJ2003), 31 - Nov 1 October 2003, Izura SPA (Pacific seaside), Japan Neutron Detector Workshop (ND2003), 31 - Nov 1 October 2003, Tsukuba, Japan Symposia Co-ordinator: Masa Arai, Secretary: M.Sakai e-mail: <u>msakai@mslnk0.kek.jp</u>

"Eighth Symposium on Nuclei in the Cosmos," 19-23 July 2004, Vancouver, B.C., Canada, <u>http://www.triumf.ca/nic8</u> e-mail: <u>nic8@triumf.ca</u>.

"Fourth International Conference on Exotic Nuclei and Atomic Masses (ENAM'04)," 12-16 September 2004, Pine Mountain, GA, Co-chairs: Witek Nazarewicz and Carl Gross, Oak Ridge Nat. Lab. <u>http://www.phy.ornl.gov/enam04/</u> e-mail: <u>enam04@phy.ornl.gov</u>.

NEW DNP/APS FELLOWS

- Douglas Beck
- Gerry M. Bunce
- Paul Timothy Debevec
- Peter John Doe
- Carl Albert Gagliardi
- Gerald M. Hale
- P. Gregers Hansen
- Anna C. Hayes
- Margaret McMahan
- Charles F. Perdrisat
- Achim Richter
- Martin John Savage
- Guy Savard
- Rocco Schiavilla
- Xin-Nian Wang
- Anthony G. Williams
- Shin Nan Yang

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