

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

ACCOMPANYING THIS NEWSLETTER:

- April 2004 Invited Speaker Nomination Form
- DNP03 Draft Epitome



Future Deadlines

- **27 August 2003** — DNP03 Early Registration Deadline
- **16 September 2003** — DNP03 Hotel Reserv. Deadline

Home Page for the DNP: <http://dnp.nsl.msui.edu>

The home page for the Division of Nuclear Physics is now available at "<http://dnp.nsl.msui.edu>." 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@nsl.msui.edu"

1. DNP COMMITTEES

Executive Committee

- A. Baha Balantekin, U. Wisconsin, Chair (2003)
- Donald F. Geesaman, ANL, Chair-Elect (2003)
- Bradley M Sherrill, Michigan State, Vice-Chair (2003)
- Charles Glashausser, Rutgers, Past Chair (2003)
- Benjamin F. Gibson, LANL, Sec-Treasurer (2003)
- Bunny C. Clark, Ohio State Univ., Div. Coun. (2005)
- Alejandro Garcia, Notre Dame Univ. (2003)
- John C. Hardy, Texas A&M (2003)
- Calvin R. Howell, Duke Univ. (2004)
- Naomi C. R. Makins, Univ. of Illinois (2004)
- Gail McLaughlin, No. Carolina State Univ. (2004)
- Willem T.H. Van Oers, Univ. Manitoba (2003)

Program Committee

- Donald F. Geesaman, ANL (Chair)
- Bradley M Sherrill, Michigan State Univ. (Vice Chair)
- A. Baha Balantekin, Univ. Wisconsin, Past Chair (2002)
- Charles Glashausser, Rutgers Univ. Past Chair (2001)
- B. F. Gibson, (Secretary-Treasurer)
- Ani Aprahamian, Notre Dame Univ.
- Jeffrey C. Blackmon, ORNL
- Bruce Barrett, Univ. of Arizona
- Besty Beise, Univ. of Maryland
- Partha Chowdhury, Univ. Massachusetts-Lowell
- Steve Elliott, LANL
- Ulrich W. Heinz, The Ohio State Univ.
- Tsung-Shung Harry Lee, ANL
- Gail McLaughlin, No. Carolina State Univ.

David J. Mack, Jefferson Laboratory
Michael R. Thoennessen, Michigan State Univ.
Jim Thomas, LBNL

2004 Hans Bethe Prize Committee

- T. J. Bowles (Chair) 12/03
- T. Weeks (Vice Chair), 12/04
- R. Lingenfelter, (DAP), 12/03
- R.G.H. Robertson, 12/04
- M.C.F. Weischer. 12/03

2004 Tom Bonner Prize Committee

- J. C. Hardy (Chair), 12/03
- B.W. Filippone (Vice Chair), 12/04
- X-N. Wang, 12/03
- M.C.F. Wiescher, 12/04
- A. B. McDonald, 12/03

2004 DNP Dissertation Award Committee

- A. B. Balantekin (Chair) (2003)
- C. Glashausser (Past DNP Chair) (2003)
- M. Savage (2003)
- C. J. Horowitz (2003)
- H. Gao (2004)

2004 Fellowship Committee

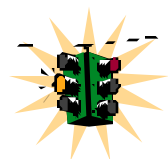
- C. Glashausser, Chair (9/04)
- B. Holstein (9/04)
- S. Wallace (9/04)
- B. Jacak (9/04)
- K. Lister (9/04)

2003 Nominating Committee

- J. F. Wilkerson, Chair (12/03)
- E. Beise, Vice Chair (12/04)
- J.A. Carlson (12/04)
- S. V. Greene (12/03)
- E. Ormand (12/03)

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2003 National Nuclear Physics Summer School

J. Wilkerson (Chair), 7/05
R. Furnstahl (Past Chair), 7/05
V. Pandharipande, 7/04
D. Geesaman, 7/04
R. Seto, 7/06
B. van Kolck, 7/06
J. Beacom, 7/07
A. Opper, 7/07
B. Barrett (grantee)

2003 Education Committee

J. A. Cizewski, Chair
A. Palounek
M. Alberg
N.C.R. Makins
H. Matis
M. McMahan
W. Rogers

2003 APS Nominations Committee

B.M. Sherrill, Chair
D.F. Geesaman
J. Thomas

2003 Home Page Committee

A. Garcia, Chair
T. Glasmacher, Webmaster
B. Sherrill, Past Webmaster
R. Furnstahl
R. Gilman
U. van Kolck
F. Weitfeldt

2003 Publications Committee

J.C. Hardy, Chair
B. M. Sherrill
G. McLaughlin

2003 Service Committee

A. B. Balantekin, Chair
D. F. Geesaman
B. M. Sherrill
B. F. Gibson

2. ACKNOWLEDGE YOUR SPONSORING AGENCY

Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. NEW DNP HOME PAGE WEBMASTER

The DNP thanks Thomas Glasmacher for volunteering to be the next DNP Home Page webmaster and Michigan State University's National Superconducting Cyclotron Laboratory (NSCL) for hosting the webpage. Brad Sherrill is the current Vice Chair and has stepped down as webmaster.

The DNP Home Page URL is "<http://dnp.nscl.msu.edu>".

4. FUTURE DNP FALL MEETINGS

2004	Oct. 27 – Oct. 30	Chicago, IL
2005	Sept. 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 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.

5. 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).

6. 2003 DNP FALL MEETING IN TUCSON AZ, OCTOBER 29—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 30th, 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). A limited number of 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.

Registration Fees 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. Buses will depart from in front of the Marriott by 6:00 p.m.; banquet will begin at 6:30 p.m.

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 ~ 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, arranged by the DNP Program Committee at its April Meeting, along with the traditional contributed talks. The program can be found at <http://www.aps.org/meet/DNP03/>.

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 is 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 is organized by A. Burrows (Arizona) and S. Woosley (UCSC). More information on the workshops is available from the organizers.

A public lecture and welcoming reception will be hosted by the University of Arizona on Wednesday evening. The public lecture "From Ancient Artifacts to Martian Meteorites: Radiocarbon Dating with a Particle Accelerator" will be given by Professor Douglas J. Donahue of the University of Arizona at 6:30 p.m. in the Sabino/Pima rooms of the Marriott. Following the public lecture, a welcoming reception will be held at 7:30 p.m. in the nearby Arizona Historical Society, including a tour of the collections.

A companions program has been arranged for 9:00 am on Thursday morning at the Arizona Historical Society, site of the Wednesday evening reception.

A Drop-In Hour will be hosted by *Physical Review C / Physical Review Letters* on Thursday afternoon from 3:30-5:30 pm. Meet the editors, ask questions, and enjoy refreshments.

User Group and other satellite meetings can be accommodated on Thursday evening. Those wishing to organize such meetings should

contact Complete Conference Coordinators at the address below by September 1 to make a meeting room reservation.

Undergraduate Program

Undergraduate students should be contacted Warren Rogers by email at rogers@westmont.edu 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

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

7. DOE OUTSTANDING JUNIOR INVESTIGATOR AWARDS, D. Kovar

The DOE's Office of Nuclear Physics has announced the recipients of awards in the Outstanding Junior Investigator (OJI) Program for 2003. The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers. Those named to receive OJI awards for 2003 are: Steffen Bass (theory) Duke University; Shailesh Chandrasekharan (theory) Duke University; Iain Stewart (theory) MIT; Nilanga Liyanage (experiment) University of Virginia.

The program notice can be found at <http://www.er.doe.gov/production/henp/np/program/oji.html> and invites applications from tenure-track faculty who are currently involved in experimental or theoretical nuclear physics research, to be submitted through a U.S. academic institution.

8. SESSION CHAIRS FOR THE DENVER, CO APS SPRING MEETING

The APS/DNP Spring Meeting will be in Denver, CO. Those who anticipate attending and are willing to chair a session should please send an email message to Don Geesaman (DNP Program Chair) indicating: 1) willingness to serve as a session chair and 2) areas of expertise which might be of interest. The information is needed by 1 January. One may also nominate younger colleagues who will attend the meeting.

9. 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).*

10. FUTURE CONFERENCES

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

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

“Quarks in Hadrons and Nuclei II,” 15-20 September 2003, Rothenfels Castle, Oberwoelz, Austria C-chairs: Harald Fritzsche/Willibald Plessas Univ. Muenchen/Univ. Graz <http://physik.uni-graz.at/itp/quarks/> 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, <http://www.jlab.org/HYP2003/> e-mail: HYP2003@jlab.org

“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. <http://www.nss-mic.org>, e-mail: rjames@bnl.gov.

“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: msakai@mslnk0.kek.jp

“Time Projection Chamber Symposium,” 27 October 2003, Berkeley, CA, Contact: Mike Ronan, e-mail: ronan@lbl.gov <http://www-tpc.lbl.gov/symposium/>

“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/>

“Quark Matter 2004,” 11-17 January 2004, Oakland, CA, Contact: Anna Smith, Phone: 510-486-7493, e-mail: qm2004@lbl.gov, <http://qm2004.lbl.gov/>

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

“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. <http://www.phy.ornl.gov/enam04/> e-mail: enam04@phy.ornl.gov.

“International Conference on Nucleus-Nucleus collisions (NN2006),” 2006, San Paulo-Brazil, Chair: Mahir S. Hussein, Univ. Sao Paulo e-mail: Hussein@fma51.if.usp.br.

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