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

Future Deadlines

- 3 Sept 2009 — HAW09 Registration
- 3 Sept 2009 — HAW09 Housing
- 23 Oct 2009 — APR10 Abstract deadline

The home page for the Division of Nuclear Physics is now available at “http://dnp.aps.org.” 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 Michael Thoennesen at <dnpweb@nscl.msu.edu>

1. DNP COMMITTEES

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W. F. Rogers
S. J. Yennello
K. Rajagopal

INSIDE . . .
• April 2010 in Washington, DC
• Volunteer to Chair a Session in Washington
4. FUTURE APS SPRING MEETING INFORMATION

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Location</th>
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<tbody>
<tr>
<td>2010</td>
<td>Feb. 13-16</td>
<td>Washington, DC</td>
</tr>
<tr>
<td>2011</td>
<td>April 15-18</td>
<td>Anaheim, CA</td>
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The dates include the “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. All meeting attendees are welcome and encouraged to come. It is 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 other than their own.

5. 2009 JOINT MEETING ON HAWAII WITH THE JAPANESE PHYSICAL SOCIETY, B.M. Sherrill

The first two joint meetings of the Division of Nuclear Physics of the American Physical Society (APS) with the nuclear physicists of the Physical Society of Japan (JPS) – HAW01 and HAW05 – were resounding successes, with between 800 and 1000 participants from Japan and North America at each. At the close of HAW05 the International Advisory Committee recommended that the series continue and the next meeting be held in 2009.

The Third Joint Meeting, HAW09, will be held at the Hilton Waikoloa Village on Hawaii's Big Island, 13-17 October, 2009. In addition to showcasing exciting nuclear physics, HAW09 is intended to foster cooperation, collaboration, and the exchange of ideas among the nuclear scientists from Japan, the U.S., and other Pacific Rim countries. It will provide an opportunity for students from Japan and the U.S. to meet and discuss their visions of careers in the field of nuclear physics.

**Hotel:**

The venue for this year's joint meeting, the Hilton Waikoloa, is located just 18 miles north of the Kona International Airport. It has been rated by Travel and Leisure Magazine as one of the World's best 100 Hotels and is consistently rated as one of the top family resorts in America. Complete Conference Coordinators, Inc. has negotiated a very favorable rate for the meeting, including special rates for students. The resort is located on a 62 acre parcel on the ocean, has ample meeting space, and a 4 acre lagoon for snorkeling and swimming with dolphins. It is near a shopping center with several restaurants and a food court. The venue is near Mauna Kea and the Keck and Subaru Observatories. Tours of the Subaru observatory will be available on a limited basis.

**Meeting Format:**

The Meeting Structure for HAW09 will resemble that for HAW05; it will be a five-day meeting. Workshops will be held on Tuesday, 13 October, preceding the plenary session and scientific sessions that follow on the 14-17th. The plenary session on Wednesday morning will open the main meeting and will highlight the nuclear physics in Japan and the U.S. The subsequent scientific sessions will be held during the morning and evening, except on the last day of the meeting (Saturday), when sessions will be scheduled for the morning and afternoon. There will be an Hawaiian-style dinner on Friday evening to celebrate the joint meeting.

The workshops on Tuesday, 13 October, will be scheduled in the morning and afternoon. Talks will be 25 minutes long plus 5 minutes for discussion. Workshop topics will be:

- The Physics of Exotic Nuclei
- Nuclear Physics with the New-Generation Rare isotope Beams
- GRETINA Physics
- Frontiers in Nuclear Astrophysics
- Neutrinoless Double Beta Decay
- Physics with Neutrons
- Structure of Hadrons and Hypernuclei Studied by Photomolecular and Hadronic Reactions at JLab, LEPS and J-PARC
- Transverse Spin and Transverse Structure of the Nucleon: Present Status and Future Prospects
- Investigations of Glue and the Physics and Prospects of the Electron Ion Collider
- Expanding Future of High Energy Nuclear Physics at LHC and RHIC

The workshops are being arranged by L. Cardman, JLab and S. Shimoura, Univ. of Tokyo.

Typically a morning or evening period will see one invited paper session running in parallel with multiple sessions of contributed papers and mini-symposia. As is usual, mini-symposia will involve one lead...
For Hawaii 2009 (HAW09) the registration fee schedule is:

<table>
<thead>
<tr>
<th></th>
<th>Members</th>
<th>Non members</th>
<th>Students/Unemployed</th>
<th>Companion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Reg., ≤ 3 September</td>
<td>$300</td>
<td>$600</td>
<td>$125</td>
<td>$75</td>
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<tr>
<td>Reg. Reg., &lt; 5 October</td>
<td>$350</td>
<td>$700</td>
<td>$175</td>
<td>$85</td>
</tr>
<tr>
<td>On-site Reg.</td>
<td>$400</td>
<td>$800</td>
<td>$200</td>
<td>$100</td>
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Conference Coordinator:
Complete Conference Coordinators, Inc.
Phone: 630-637-8100
Fax: 630-416-3333
Email: info@cccmeetings.com
Website: www.cccmeetings.com

Conference Website: http://meetings.nscl.msu.edu/hawaii09/

Important Deadlines:
Abstract Deadline: (Past)
Early Registration Deadline: September 3, 2009
Hotel Reservation Deadline: September 3, 2009

International Advisory Committee
S.H. Aronson, BNL
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*Bradley M. Sherrill, MSU

Susumu Shimoura, CNS, U Tokyo
Jean-Michel Poutissou, TRIUMF
* Co-chair

6. CEU09, Warren Rogers

The 12th annual Conference Experience for Undergraduates (CEU), will be held in conjunction with the HAW09 fall meeting. Approximately 90 undergraduate students, who have participated in nuclear physics research during the past year, will participate in CEU09. The program will include several special events for the undergraduates, including a research poster session to which all DNP conference participants are invited, two nuclear physics seminars, an ice cream social, and a graduate school information session at which university and laboratory representatives will be present to share with the students about graduate school opportunities. (The application deadline for the CEU was 1 August 2009.) The CEU is generously supported by the National Science Foundation, the Department of Energy (through the national labs), and the Division of Nuclear Physics.

7. APS MEETING IN WASH., DC, 13-16 FEBRUARY 2010

The 2010 April Meeting of the American Physical Society will be held 13-16 February this year. It’s not a typo. By holding the meeting in February, APS is able to join the Winter Meeting of the American Association of Physics Teachers (AAPT). The April Meeting will offer its usual outstanding scientific program consisting of three plenary sessions (nine plenary talks), approximately 75 invited sessions, more than 100 contributed sessions, plus poster sessions. There will also be a public lecture on one of the evenings during the meeting. The AAPT sessions will be held concurrently with the April Meeting sessions. There will be some sessions planned jointly by APS and AAPT.

8. DNP 2010 APRIL MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair Bill Zajc, completed its planning activity for the DNP component of the APS 2010 April Meeting (APR10) at a special meeting in College Park in July. There will be three general plenary sessions (each comprised of three talks) on three of the four mornings of the meeting. For details of the meeting please go to the APS web site and link to the April Meeting.

The DNP has organized eight joint sessions with sister APS units. Included are DNP/DPF sessions on “strings and nuclear collisions”, on “jet reconstruction in a high multiplicity environment” and on “neutrinos - mixing angles”; DNP/GFB sessions on “universality” and “fundamental symmetries in few-body systems”; and a DNP/DAP session on “nucleon synthesis in binary star explosions”.

DNP topic sessions: The Prize and Award session will precede the Business/Town meeting on Monday afternoon. Other sessions will include: “Exploring Symmetries in Nuclear Structure” organized by Brad Sherrill and Rick Casten, “Fusion, Fission and Super Heavy Element Production” organized by Kate Jones and Brad Sherrill, “Flavor Decomposition of the Proton Distribution Functions” organized by Larry Cardman and Rolf Ent, and a session organized from invited speaker nominations submitted by the DNP membership.

DNP Program Committee members have suggested several mini-symposia for the April 2010 meeting. The topics are listed below with the organizer in parentheses. Contributed paper abstracts intended for specific mini-symposia should be identified by using the appropriate sorting category. Each mini-symposium will be headed by a 30 minute lead talk, which is intended to provide an introduction upon which the following contributed paper talks can rely to set the stage. Thus, a contributed talk in a mini-symposium should be able to convey much
more detailed information in the allotted time than a contributed paper talk in a regular session. NOTE: Abstracts not selected for a particular mini-symposium, because of session time constraints, will be placed in a traditional contributed paper session. Please be aware that APS rules state that a second contributed abstract by the same lead author will not be presented orally. (The DNP does not sponsor poster sessions.)

Sorting categories for nuclear physics are:

E. Nuclear Physics
   E1. Nuclear Astrophysics
   E2. Electroweak Interactions
   E3. Neutrino Physics
   E4. Electromagnetic Interactions
   E5. Ultrarelativistic Heavy-Ions
   E6. Nuclear Reactions: Heavy-Ions/Rare isotope Beams
   E7. Nuclear Reactions: Hadrons/Light Ions
   E8. Nuclear Structure
   E9. Sub-nucleonic Degrees of Freedom
   E10. Hadronic Physics
   E11. Nuclear Theory
   E12. Instrumentation
   E13. Applications of Nuclear Physics
   E14a. Mini-Symposium on Recent Results and Theoretical Developments from RHIC (S. Mioduszewski)
   E14b. Mini-Symposium on Electromagnetic Reactions Involving Light Nuclei (B. Gibson & H. Griesshammer)
   E14c. Mini-Symposium on Experimental Constraints on Nuclear Mass Elements for Weak Processes (K. Rykaczewski & B. Sherrill)
   E14d. Mini-Symposium on Physics with an Electron-Nucleus Collider (L. Cardman, Z-E. Meziani, & M. Sargsian)
   E14e. Mini-symposium on Nuclear Isotopes (L. Cardman, A. Aprahamian, & D. Geesaman)

9. ABSTRACT SUBMISSION

Complete abstract submission instructions can be found on the APS web site http://www.aps.org under the heading Meetings. Abstracts are not accepted via email. Contributed abstracts are limited to 1300 characters.

Deadline: Abstracts for the 2010 April Meeting (APR10) next February must be submitted by 5:00 p.m. on Friday, October 23rd. The sorters meeting to arrange the sessions will be the following Friday.

Note: APS members are entitled to one contributed abstract for oral presentation. A second abstract by the same lead speaker will be ignored.

Before beginning the abstract submission process, it is helpful to know (1) the number and ordering of the authors and (2) the content of the abstract. The web page will guide one through the submission process.

Invited speakers should refer to their letters of invitation for instructions on locating the invited abstract submission web site. Invited abstracts are limited to 2000 characters.

Questions regarding abstract submission can be sent to abs-help@aps.org.

10. FUTURE CONFERENCES

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

“10th Int’l Conference on Hypernuclear and Storage Particle Physics (HYP-X)"
14 – 18 September 2009
Tokai, Japan
Chair: Kenichi Imai, Kyoto Univ.

25 – 31 October 2009
Orlando, Florida
Chair: Richard Lanza, MIT
email: nssmic2009@mit.edu

“HADRON 2009: 13th International Conference on Hadron Spectroscopy”
30 November – 4 December 2009
Tallahassee, Florida, USA
Chair, Paul Eugenio
http://hadron2009.fsu.edu
e-mail: hadron2009@hadron.physics.fsu.edu

“VIII Latin American Symposium on Nuclear Physics and Applications”
15 – 19 December 2009
Santiago, Chile
Chair: Ricardo Alarcon (ASU)
http://servicios3.ing.uchile.cl/slafrna/
email: Ricardo.Alarcon@asu.edu

“19th Particles and Nuclei International Conference (PANIC)”
19 – 24 July 2011
MIT, Cambridge, MA
Co-chairs: Peter Fisher (fisherp@mit.edu) and Richard Milner (milner@mit.edu)
URL: http://panic11.mit.edu

LAWRENCE S. CARDMAN
Chair
Jefferson Lab.
12000 Jefferson Ave., Suite 5
Newport News, VA 23606
Phone: (757) 269-7032
Fax: (757) 269-5800
cardman@jlab.org

WILLIAM A. ZAJC
Chair-Elect
Dept. of Physics, Columbia Univ.
538 West 120th St.,
Pupin Hall, MC 5255
New York, NY 10027
Phone: (212) 854-8175
Fax: (212) 854-3379
zajc@nevis.columbia.edu

ROBERT E. TRIBBLE
Vice-Chair
Cyclotron Institute/Physics Dept
Texas A&M University
College Station, TX 77843
Phone: (979) 845-1411
Fax: (979) 845-1899
r-tribble@tamu.edu

BENJAMIN F. GIBSON
Secretary-Treasurer
DNP, MS B283
Los Alamos, NM 87545
Phone: (505) 667-5059
Fax: (505) 667-1931
dnp@dnplanl.gov