

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 Thoennessen at <dnpweb@nscl.msu.edu>

1. DNP COMMITTEES

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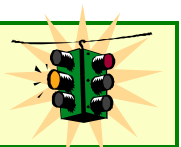
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- **April 2010 in Washington, DC**
- **Volunteer to Chair a Session in Washington**



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- R. F. Casten
- B. F. Gibson

2. ACKNOWLEDGE YOUR SPONSORING AGENCY

Given the importance of agency sponsorship in fostering nuclear physics research, we urge that DNP members acknowledge their agency sponsors in any talk or publication they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. FUTURE DNP FALL MEETINGS

2010	Nov. 3-6	Santa Fe, NM
2011	Oct. 26-29	East Lansing, MI

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.

4. FUTURE APS SPRING MEETING INFORMATION

2010	Feb. 13-16	Washington, DC
2011	April 15-18	Anaheim, CA

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 Photonuclear 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

(invited) talk followed by contributed papers all focused on the same topic. The mini-symposia are viewed as ideal sessions to integrate the JPS and DNP communities around topics of mutual interest. Contributed talk slots will again be 15 minutes, time for a 12-minute presentation with three minutes allotted for questions and discussion. Lead talks in minisymposia will be 30 minutes (25 + 5). Invited session talks slots will be 45 minutes (35 + 10). For the benefit of all, speakers are urged to enunciate clearly and to project important points on the screen. For more details see the APS Meeting web site.

For Hawaii 2009 (HAW09) the registration fee schedule is:

	Members	Non members	Students/ Unemployed	Companion
Early Reg., ≤ 3 September	\$300	\$600	\$125	\$75
Reg. Reg., ≤ 5 October	\$350	\$700	\$175	\$85
On-site Reg.	\$400	\$800	\$200	\$100

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.nsl.msu.edu/hawaii09/>

Important Deadlines:

Abstract Deadline: (Past)

Early Registration Deadline: September 3, 2009

Hotel Reservation Deadline: September 3, 2009

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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 Pnrtion 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 miniposia 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 Matrix 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 Masses in Astrophysics (C. Iliadis)
- E14f. Mini-symposium on Nuclear Isotopes (L. Cardman, A. Arahamian, & 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.

“2009 IEEE Nuclear Science Symposium and Medical Imaging Conference (2009 IEEE NSS/MIC)”

25 – 31 October 2009

Orlando, Florida

Chair: Richard Lanza, MIT

<http://www.nss-mic.org/2009>

e-mail: 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>

email: 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/slafna/>

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>

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