

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

#### Future Deadlines



- **8 September 2017** — DNP17 Early Registration
- **8 September 2017** — DNP17 Housing Reservations
- **20 October 2017** — DNP17 Late Registration

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 Jorgo Piekarewicz at [jpiekarewicz@fsu.edu](mailto:jpiekarewicz@fsu.edu).

## 1. DNP COMMITTEES

### Executive Committee

Michael Thoennessen, Michigan State Univ., Chair (2017)  
David J. Dean, ORNL, Chair-Elect (2017)  
Robert V. F. Janssens, ANL, Vice-Chair (2017)  
Gordon D. Cates, Univ. of Virginia, Past Chair (2017)  
Benjamin F. Gibson, LANL, Sec.-Trea. (2017)  
A. Baha Balantekin Univ. of Wisc., Div. Coun. (Dec. 2017)  
John R. Arrington, ANL, (2018)  
Gail E. Dodge, Old Dominion Univ. (2017)  
Jorge Piekarewicz, Florida State Univ. (2017)  
Rebecca Surman, Univ. of Notre Dame (2018)  
Raju Venugopalan, BNL (2017)  
Remco G. T. Zegers, Michigan State Univ. (2018)

### Program Committee

David J. Dean, ORNL, Chair (2017)  
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Gordon D. Cates, Univ. of Virginia, Past Chair (2015)  
Michael Thoennessen, Michigan State Univ., Past Chair (2016)  
Benjamin F. Gibson, LANL, Sec.-Treas. (2017)  
Christine Aidala, Univ. of Michigan (2018)  
Vince Cianciolo, ORNL (2017)  
Evangeline Downie, George Washington Univ. (2017)  
Jon Engel, Univ. of N. Carolina (2018)  
Carla Frohlich, N. Carolina State Univ. (2017)  
Daniel Kasen, UC Berkeley (2018)  
Benjamin Kay, ANL (2018)  
Hironori Iwasaki, Michigan State Univ. (2017)  
Alan W. P. Poon, LBNL (2017)  
Julie Roche, Ohio Univ. (2018)  
Rocco Schiavilla, Jefferson Lab. (2017)  
Reinhard Schumacher, Carnegie Mellon Univ. (2017)  
Susan J. Seestrom, Sandia Nat. Lab. (2018)

Matthew Shepherd, Indiana Univ. (2018)  
Julia Velkovska, Vanderbilt Univ. (2018)  
Ramona Vogt, LBNL (2017)

### 2018 Hans Bethe Prize Committee (Award April 2018)

R. B. Wiringa, Chair  
D. Kasen, Vice Chair  
M. Kamionkowski  
Y. Z. Qian  
M. Piembert

### 2018 Tom Bonner Prize Committee (Award April 2018)

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M. A. Riley, Vice Chair  
D. W. Hertzog  
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C. F. Perdrisat

### 2018 Herman Feshbach Award Committee (Award April 2018)

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C. Elster, Vice Chair  
J. H. Engel  
U. Heinz  
J. A. Carlson

### 2018 DNP Dissertation Award Committee (Award DNP 2017 Mtg.)

M. Thoennessen, Chair  
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C. B. Crawford  
J. P. Vary  
Y. Kolomensky

### 2018 DNP Fellowship Committee (Nominations due 1 May 2018)

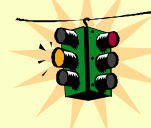
G. D. Cates, Chair  
F. Nunes  
V. Koch  
K. Scholberg  
M. A. Alberg

### 2017 DNP Nominating Committee

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S. R. Elliott  
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R. A. Surman, Vice Chair  
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**2017 National Nuclear Physics Summer School Steering Committee**

W. Decoinck, Chair  
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A. Deshpande  
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D. Teaney  
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Mbr, TBA  
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**2018 DNP Mentoring Award Committee**

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**2018 DNP Distinguished Service Award**

M. Thoennessen  
D. J. Dean  
R. V. F. Janssens  
B. F. Gibson  
G. D. Cates

**2017 Ad Hoc Education Committee**

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G. E. Dodge  
R. G. T. Zegers  
M. Kilburn  
A. W. P. Poon  
Graduate Student TBA

**2017 Ad Hoc Home Page Committee**

J. Piekarewicz, Chair  
J. R. Arrington

**2017 Ad Hoc Publications Committee**

R. Venugopalan, Chair  
R. A. Surman  
R. V. F. Janssens

**2017 Ad Hoc APS Nominations Committee**

R. V. F. Janssens, Chair  
D. J. Dean  
R. P. Redwine

**2. ACKNOWLEDGE YOUR SPONSORING AGENCY**

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

**3. DNP Chair Line Transition, 31 August 2017**

Due to his new responsibilities as APS Editor in Chief (see the July issue of "APS News"), Michael Thoennessen will step down as DNP Chair on 31 August 2017. At that time David Dean will become Chair and Robert Janssens will become Chair-Elect, following the DNP bylaws. Each will serve in his new capacity until the April Meeting in 2019. We thank Michael for his service in the DNP Chair Line and wish him every success in his new role that serves the entire APS.

**4. FUTURE DNP FALL MEETINGS**

The dates include the pre-meeting 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 participate. It has been the intention of the DNP Executive Committees that these "workshops" should have broad appeal, with introductory pedagogical talks designed for the benefit of non-experts.

2018	October 23-27	Waikoloa, HI
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**5. FUTURE APS SPRING MEETING INFORMATION**

2018	Apr 14-17	Columbus, OH
2019	Mar 4-8	Boston, MA (Mar/Apr Mtg.)

Any comments/suggestions should be sent to APS Meetings Manager, Terri Olsen (olsen@aps.org).

**6. DNP 2017 FALL MEETING IN PITTSBURGH, PA  
25-28 OCTOBER 2017, Reinhard Schumacher**

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society will be held in Pittsburgh, PA, 25-28 October. The meeting will run from Wednesday through noon on Saturday. Topical workshops will be held on Wednesday morning, followed by the opening plenary session on Wednesday afternoon, starting at 3:00 p.m. A reception will be held starting immediately following the plenary session. Parallel scientific sessions — invited speaker sessions, mini-symposia, and contributed pair sessions — will be held Thursday and Friday morning and afternoon as well as on Saturday morning. The CEU poster session as well as the Physical Review Meet-the-Editors Drop-In reception will be scheduled in the early afternoon time slot on Thursday. The Business/Town Meeting will be Friday afternoon in the late time slot.

The meeting will be held in the Pittsburgh Marriott City Center. The nearby Double Tree property will serve as the overflow hotel. All functions will be in the Marriott. Pittsburgh is the second largest city in Pennsylvania. It is located at the confluence of three rivers: the Monongahela, the Allegheny, and the Ohio. The Marriott is 35 minutes from the PIT airport. It is a short 10-15 minute walk to many wonderful off-site restaurants. The Local Organizing Committee is chaired by Reinhard Schumacher, with other members coming from several Pittsburgh universities: Colin Morningstar (CMU), Gregg Franklin (CMU), Curtis Meyer (CMU), Brian Quinn (CMU), Eric Swanson (U. Pittsburgh), Fatiha Benmokhtar (Duquesne U), and Michael McCracken (Washington & Jefferson).

The Local Organizing Committee has arranged three workshops for Wednesday morning, intended as didactic introductions to the given topics. The workshops are entitled: (1) "Theoretical Approaches to Hadron Structure", (2) "Modern Machine Learning Methods in Data Analysis", and (3) "Advances in Particle Detectors".

The Program Committee, under the leadership of Program Committee Chair David Dean, has organized 8 invited sessions which will begin at 8:30am on Thursday morning and run through Saturday at 1:00 pm. The session organized by the Local Organizing Committee is entitled

“Advances in Mesonic Physics”. An award session will include talks by the Nuclear Physics Dissertation Award winner and by the Mentoring Award winner; a special talk on Qweak results will also be presented. A voted session will include three speakers nominated by the DNP membership and selected from those nominations by the Program Committee; the speakers will be Christine Natrass (Univ. of Tennessee), Iris Dillmann (TRIUMF & Univ. of Victoria), and Phiala Shanahan (MIT). Topic sessions arranged by the members of the Program Committee include: “Unraveling the Proton Radius Puzzle”, “Novel Observables of the Quark Gluon Plasma”, “Recent Results from and Future Prospects for Neutrinoless Double-Beta Decay Searches”, “Recent Progress in Fundamental Neutron Physics Experiments”, and “Spectroscopy of Exotic Nuclei via Proton Removal”.

## 7. DNP 2017 MINI-SYMPOSIA, David J. Dean

Fourteen mini-symposia are being organized for DNP 2017 (Pittsburgh). Recall that a mini-symposium has a lead speaker who introduces the topic that will be the focus of a particular mini-symposium. Thus, the contributed abstract speakers who follow can avoid introductory material and spend their 10 minutes on the primary results, which they wish to present. Because the material presented in a mini-symposium talk can cover much more ground than in a talk in a regular contributed paper session, we urge participants in DNP 2017 to look carefully at whether their contribution might fit into one of the 14 mini-symposia listed below. The mini-symposia are listed by their category number (e.g., 14c) as they appear on the abstract submission website. The principal Program Committee organizers are identified in parentheses. The lead speaker follows.

- 14a. Mini-symposium on the CEU 20th Anniversary (Rogers) Tanja Horn
- 14b. Mini-symposium on How Small is the QGP? Collectivity in Small Systems (Vogt, Velkovska) Bjorn Schenke
- 14c. Mini-symposium on Recent Results and Future Prospects in Heavy Flavor Physics (Vogt, Velkovska) Zhangbo Kang
- 14d. Mini-symposium on Photoproduction Physics with GlueX at JLab (Shepherd) Naomi Jarvis
- 14e. Mini-symposium on Fundamental Symmetries (Cianciolo, Fomin) Brad Plaster
- 14f. Mini-symposium on Nuclear Matrix Element Calculations for Neutrinoless Double-Beta Decay (Engel, Kay, Poon) Vincenzo Cirigliano
- 14g. Mini-symposium on Coulomb Excitation of Exotic Nuclei (Iwasaki, Janssens, Kay) Augusto Macchiavelli

- 14h. Mini-symposium on Direct Reactions as a Probe of Nuclear Structure and Nuclear Astrophysics — New Techniques and Instrumentation (Iwasaki, Janssens, Kay) Sergio Almaraz-Caldron
- 14j. Mini-symposium on Nuclear Structure of the Ge and Se isotopes (Iwasaki, Janssens, Kay) Alex Brown
- 14k. Mini-symposium on Nuclear Imaging for Homeland Security (Cianciolo, Newby) Donny Hornback
- 14l. Mini-symposium on Instrumentation for Physics beyond the Standard Model (Cianciolo, Poon) Kent Leung
- 14m. Mini-symposium on Theoretical Approaches to Nucleon Structure (Aidala, Schiavilla) Chris Monahan
- 14n. Mini-symposium on Electro-weak Physics and Fundamental Symmetries (Roche) Roger Carlini
- 14o. Mini-symposium on the Nuclear Equation of State and its Astrophysical Applications (Frohlich, Kasen) Andrew Steiner

## 8. DNP 2017 REGISTRATION AND HOTEL RESERVATIONS

Complete Conference Coordinators, Inc. (CCC) will handle the meeting registration and hotel reservations through a web site that is linked to the Meeting website. A special room rate for the meeting has been negotiated with the Pittsburgh Marriott City Center hotel, which serves as the meeting hotel for all sessions and special events. To obtain the conference rate, rooms must be reserved through the CCC website. The Neighboring Double Tree hotel will serve as the overflow backup.

The contact information for CCC is  
 Complete Conference Coordinators, Inc.  
 Email: <info@cccmeetings.com>  
 Tel: +1-630-416-3030  
 URL: <http://www.cccmeetings.com>

*Registration will be through the CCC web site.*

The registration fee includes the workshop and plenary session coffee break, and coffee will be available Thursday through Saturday in the morning until the end of the break between the morning parallel sessions. The companion's registration fee offsets in part the cost of coffee breaks, the companions' program on Wednesday afternoon, and reception on Wednesday evening following the plenary session.

A banquet will be held on Friday evening in the Marriott at an additional cost. An after dinner talk by Marcel Adam Just on “Brain Representations of Basic Physics Concepts” is planned.

Registration costs are outlined in the following table.

Registration Categories & Deadlines	Members	Non members	Students/ Unemployed	Postdoc Members	Companions
Early Registration (by September 8th)	\$300	\$600	\$100	\$150	\$60
Late Reg. (Sept. 9th – October 20th)	\$375	\$750	\$175	\$225	\$75
On-site Reg.	\$450	\$900	\$250	\$300	\$100
Banquet Tickets (Advanced/On-Site)	\$65/\$80	\$65/\$80	\$65/\$80	\$65/\$80	\$65/\$80

## 9. CEU17, Shelly Leshner

The 20th annual Conference Experience for Undergraduates (CEU), will be held in conjunction with the DNP 2017 Fall Meeting. More than 100 undergraduate students, who have been involved in nuclear physics research during the past year, will participate in CEU17. The program will include a number of special events for 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 CEU is generously supported by the National Science Foundation, by the Department of Energy (through the national labs), and by the Division of Nuclear Physics.

## 10. SESSION CHAIRS FOR THE APRIL 2018 MEETING IN COLUMBUS, OH

The APS/DNP April Meeting (APR18) will be in Columbus, OH, 14 - 17 April 2018. **Those who anticipate attending and are willing to chair a session** should send an email message to David Dean (DNP Program Chair) indicating 1) a willingness to serve as chair of a session and 2) areas of expertise which might be of interest. The information is needed by 5 January 2018. One may also nominate a colleague who will attend the meeting.

## 11. ABSTRACT SUBMISSION FOR THE APRIL 2018 MEETING

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.

**Deadline:** Abstracts for the 2018 April Meeting (APR18) must be submitted by 5:00 p.m. EDT on Friday, 12 January 2018. The sorters meeting to arrange the sessions will be the following Friday, 19 January.

**Note:** APS members are entitled to one contributed abstract for oral presentation. A second abstract by the same lead author 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. Contributed abstracts are limited to 1300 characters.

Questions regarding abstract submission can be sent to the APS at [abs-help@aps.org](mailto:abs-help@aps.org).

## 12. FUTURE CONFERENCES

### “Seventh Asia-Pacific Few-Body Conference on Problems in Physics (APFB-2017)”

25-29 August 2017  
Guilin, China  
Contact: Qiang Zhao  
Email: [zhaoq@ihep.ac.cn](mailto:zhaoq@ihep.ac.cn)  
URL: <http://indico.ihep.ac.cn/event/6581/>

### “3rd International Workshop on the Challenges of the Worldwide Search for the Neutron Electric Dipole Moment (nEDM2017)”

15-20 October 2017  
Harrison Hot Springs, BC Canada  
Chair: Ruediger Picker  
email: [nedm2017@triumf.ca](mailto:nedm2017@triumf.ca)  
URL: <http://nedm2017.triumf.ca>

### “12th European Research Conference on Electromagnetic Interactions of Nucleons and Nuclei (EINN2017)”

29 October-4 November 2017  
Paphos, Cyprus  
Contact: Constantia Alexandrou  
Email: [alexand@ucy.ac.cy](mailto:alexand@ucy.ac.cy)  
URL: [einconference.org/2017](http://einconference.org/2017)

### “13<sup>th</sup> International Conference on Hypernuclear and Strange Particle Physics (HYP 2018)”

24-29 June 2018  
Norfolk, VA  
Contact: Liguang Tang  
Email: [tangl@jlab.org](mailto:tangl@jlab.org)  
URL: <https://www.jlab.org/conferences/hyp2018>

### “Conference on Application of Accelerators in Research and Industry (CAARI 2018)”

12-17 August 2018  
Grapevine, Texas (Gaylord Texan)  
Contact: Carley Parriott,  
Email: [cparriott@sandia.gov](mailto:cparriott@sandia.gov)

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