



TO: Members of the *Division of Nuclear Physics, APS*
FROM: Ken Hicks, Ohio U. – Secretary-Treasurer, DNP

HIGHLIGHTED IN THIS NEWSLETTER:

- DNP Election Results

Future Deadlines:

- **1 March 2019** — Nominations for the DNP Mentoring Award
- **1 March 2019** — Nominations for Distinguished Service Award
- **1 May 2019** — Nominations for APS Fellows (DNP)

The home page for the Division of Nuclear Physics is available at “<http://dnp.aps.org>.” Information of interest to DNP members – nominations, prizes, meeting deadlines, *etc.* are provided. Each DNP Newsletter is posted online. Comments and suggestions are solicited. Please send them to John R. Arrington at <johna@anl.gov>

1. RESULTS OF THE DNP ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 2019

By the deadline date of 23 January 2019, 754 web ballots or properly executed paper ballots were cast in the 2018 election of officers and members of the Executive Committee. The results of the election are as follows: Sherry Yennello was elected to Vice-Chair and Kenneth Hicks was elected to Secretary-Treasurer for one-year terms. David Dean was appointed to serve a one-year term as Past Chair in place of Michael Thoennessen, who stepped down in 2017 to serve as APS Editor in Chief. Jeffery Blackmon, Nadia Fomin, and Julie Roche were elected to two-year terms on the Executive Committee. Baha Balantekin continues in his four-year term as Division Councilor. The members of the 2018 Executive Committee, who will assume their duties at the close of the Business Meeting to be held during the APS April Meeting, 13-16 April 2019, in Denver, CO, are:

Robert V. F. Janssens, Univ. of N. Carolina, Chair (2019)
Krishna Kumar, Stony Brook Univ., Chair-Elect (2019)
Sherry J. Yennello, Texas A&M Univ., Vice-Chair (2019)
David J. Dean, ORNL, Past-Chair (2019)
Kenneth H. Hicks, Ohio Univ., Secretary-Treasurer (2019)
A. Baha Balantekin, Univ. of Wisconsin (2021)
Jeffrey C. Blackmon, LSU (2020)
Renee H. Fatemi, Univ. of Kentucky (2019)
Nadia Fomin, Univ. of Tennessee (2020)
Spencer R. Klein, LBNL (2019)
Julie Roche, Ohio Univ. (2020)
Ramona L. Vogt, LLNL (2019)

The DNP wishes to thank each of the members who agreed to stand for election. The DNP depends entirely on volunteers to carry out the business of the Division.

2. CALL FOR DNP COMMITTEE SUGGESTIONS

The terms of some of the members of the following DNP committees will expire in April 2019: Fellowship, Nominating, Home Page, Education, and Mentoring. Suggestions from the DNP membership for new members of these committees as well as the APS Bethe, Bonner, and Feshbach Prize Committees and the Freedman Award and the Nuclear Physics Dissertation Award Committees are welcome and should be sent to the DNP Chair. A list of committee members for 2019-2020 will be published in the August newsletter.

3. 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.

4. NEW APS FELLOWS NOMINATED BY DNP

The following DNP members are newly elected (2018) Fellows of the APS. Please join us in offering congratulations.

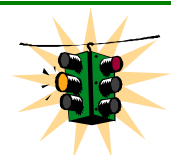
Amarian, Moscov, Old Dominion University
Armstrong, David S., College of William & Mary
Bogner, Scott K., Michigan State University
Caines, Helen, Yale University
Chandrasekharan, Shailesh, Duke University
Hagen, Gaute, Oak Ridge National Laboratory
Jeon, Sangyong, McGill University
Jones, Kate L., University of Tennessee
Keppel, Cynthia E., Thomas Jefferson National Accel. Facility
Liu, Chen-Yu, Indiana University (Bloomington)
Odyniec, Grazyna, Lawrence Berkeley National Laboratory
Rondon-Aramayo, Oscar A., University of Virginia

The citations for the above Fellows can be found on the DNP website: <https://www.aps.org/units/dnp/fellowship/>

The award pin and certificate for the above Fellows will be presented at the Business Meeting of the April APS meeting in Denver, CO. The Business Meeting and Town Hall will be held on Monday, April 15, following the DNP Prize Session.

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- Call for nominations: DNP Fellows
- APR19 in Denver, CO
- DNP19 in Crystal City, VA



5. NOMINATIONS FOR APS FELLOWSHIP

The qualifications and procedure for the election of a Member to Fellowship in the APS can be found under Fellowships on the APS Home Page. Only web nominations are accepted. The total number of members who may be elected to Fellowship in a given year is one half of one percent of the total APS membership.

The DNP deadline for nominations is 1 May. Nomination instructions can be found on the APS home page (<http://www.aps.org>); click on the heading "Programs" and follow the link to "Honors".

The 2019 DNP Fellowship Committee is comprised of David Dean (Chair), Mary Alberg, Kate Scholberg, Willem Dickhoff and Rolf Ent. The Fellowship Committee reviews the nominations for APS Fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the APS Fellowship Committee and then to APS Council for election. Nominations are active for two years. It is important for nominators to ensure that the cases that they prepare for the Fellowship Committee are well documented. In addition to that requested on the nomination form, information such as lists of invited talks, awards, professional activities, committee service, and participation in organization of conferences is very helpful. Inclusion of a current C.V. and a complete publication list is highly recommended.

The DNP has adopted the following Fellowship Criteria Guidelines. To be chosen as a Fellow, an APS member should have a record of excellence in research that has been sustained over several years, and have completed at least one major, original work that has influenced his/her specialty in a significant way. The APS requires membership for at least the prior year.

The list of APS Fellows elected in a given year appears on the APS Home Page in November and is published in the March issue of APS News. The names of newly elected DNP Fellows are published in the February Newsletter and the awards are presented at the DNP Business Meeting held during the APS April Meeting.

6. APS MEETING IN DENVER, CO, 13-16 APRIL 2019

The APS April Meeting encapsulates the full range of physical scales, from "Quarks to the Cosmos (Q2C)". Research will be presented on topics by 22 participating APS units. The 2019 theme (Q2C) will be broadly proclaimed through speakers and scientific sessions. The venue will be the Sheraton Denver Downtown Hotel. The APS has secured a special rate for April Meeting attendees. You must book your room online through the APS to receive the discounted rates.

The APS units participating in the meeting are:

Divisions

Atomic, Molecular & Optical Physics (DAMOP)
Astrophysics (DAP)
Computational Physics (DCOMP)
Nuclear Physics (DNP)
Gravitational Physics (DGRAV)
Particles and Fields (DPF)
Physics of Beams (DPB)

Forums

Early Career Scientists (FECS)
Education (FED)
Graduate Student Affairs (FGSA)
History of Physics (FHP)
International Physics (FIP)
Physics and Society (FPS)
Outreach and Engaging the Public (FOEP)

Topical Groups

Energy Research and Applications (GERA)
Few-Body Systems (GFB)
Hadronic Physics (GHP)
Medical Physics (GMED)
Physics Education Research (GPER)
Physics of Climate (GPC)
Precision Measurement & Fundamental Constants (GPMFC)

Committees

Minorities in Physics (COM)
Status of Women in Physics (CSWP)

The April Meeting program will be highlighted by 3 plenary sessions:

Saturday morning – *Physics and Society* featuring Amory Bloch Lovins (Rocky Mountain Institute), Kirstin RW Matthews (Rice University), and Katie Mack (North Carolina State University);
Monday morning – *Kavli Symposium: Recent Advances in Neutrino Physics* featuring Andre Luiz C de Gouvea (Northwestern University), Susanne Mertens (Max Planck Institute for Physics, Technical University Munich), and Marcos Santander (Univ. of Alabama);
Tuesday morning – *90th Anniversary of the APS Reviews of Modern Physics* featuring Wim Pieter Leemans (LBNL, DESY), Elena Aprile (Columbia Univ.), and Andrea Ghez (UCLA).

Deadlines:

Early Registration: 1 March 2019
Hotel Reservations: 19 March 2019
Late Registration: 29 March 2019
On-site Registration: 12-16 April 2019

7. APRIL 2019 MEETING PROGRAM (DNP EVENTS)

The DNP Program Committee, under the direction of Program Chair Robert Janssens and DNP Vice-Chair Krishna Kumar, has put together a collection of stand alone and joint sessions, which were felt to be attractive to DNP participants at April 2019:

- Probing Neutron Stars through Neutron Star Mergers (DNP/DAP)
- Radionuclide Astronomy (DNP/DAP)
- Building the Bridge to Exascale Computing: Applications and Opportunities for Nuclear Physics (DNP/DCOMP)
- Short-Range Correlations in Few-Body Systems (DNP/GFB)
- Frontiers of Nuclear Few-Body Reactions (DNP/GFB)
- Meson and Baryon Spectroscopy (DNP/GHP)
- Detection and Modeling of Binary Neutron-Star Collisions (DNP/DGRAV/DAP)
- Constraining Neutrino-Nucleus Interactions for Neutrino Oscillations (DNP/DPF)
- Selected Topics in Fundamental Symmetries at the Intensity Frontier (DNP/DPF)
- Intersections of Nuclear and Nucleon Structure (DNP)
- Early Results from JLab 12 GeV (DNP)
- DNP Prize Session (Bonner and Feshbach award talks)

Contributed abstracts for the DNP component of the meeting were arranged into coherent sessions by volunteers from the Program Committee under the direction of Robert Janssens.

8. FUTURE APS SPRING MEETING INFORMATION

2020	April 18-21	Washington, DC
2021	April 17-20	Sacramento, CA

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

9. 2019 DNP FALL MEETING IN CRYSTAL CITY, VA

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society will be held in Crystal City, VA, 13-16 October. The meeting will run from **Sunday through noon on Wednesday** (this departs from our usual Wednesday-Saturday format, but these dates were chosen due to availability of the hotel). Topical workshops will be held on Sunday morning, followed by the opening plenary session on Sunday 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 Monday and Tuesday (both morning and afternoon) as well as on Wednesday 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 Monday. The Business/Town Meeting will be Tuesday afternoon in the late time slot. A Graduate Student Pizza Social will be held at an outside restaurant on Monday evening.

The meeting will be held in the Crystal Gateway Marriott hotel. The nearby Crystal City Marriott (not to be confused with the Crystal Gateway Marriott!) property will serve as the overflow hotel. All functions will be in the Crystal Gateway Marriott. Crystal City is an urban neighborhood in the southeastern part of Arlington, Virginia. It is located inside the I-495 beltway. The Crystal Gateway is a 5-10 minute ride by subway (the Metro) from the Reagan Washington National Airport and about 30 minutes by Metro from the Washington Dulles International Airport. There are many wonderful off-site shops and restaurants within walking distance. The Local Organizing Committee is chaired by Bill Briscoe (GWU), working with: Evie Downie (GWU), Michael Doring (GWU), Gerry Feldman (GWU), Harald Griesshammer (GWU), Maxim Mai (GWU), Nawal Benmouna (Montgomery College), Tanja Horn (CUA), Latifa Elouadrhiri (JLab), Thomas Cohen (UMD). Additional details about the meeting will appear in the May newsletter.

ABSTRACTS: The submissions of abstracts will open early May, 2019.

HOTEL: Crystal Gateway Marriott, 1700 Jefferson Davis Highway, Arlington VA 22202. You must book your hotel through the meeting registration website to obtain the APS special rate.

10. PHYSICAL REVIEW C NEWS, Ben Gibson

Five new *Physical Review C* Editorial Board members were appointed to 3-year terms beginning January 1, 2019, by the APS Editor in Chief, Michael Thoennessen:

Peter Jacobs (LBL),
Andrea Jungclaus (Consejo Superior de Investig. Cientificas),
Larry McLerran (INT/Univ. Washington),
Luis Robledo (Univ. Madrid),
Jan Ryckebusch (Univ. Gent).

On behalf of the nuclear physics community, the *Physical Review C* editors thank the departing Editorial Board members for their service: Steffen Bass, Krishna Kumar, James Nagle, Andreas Nogga, and Berta Rubio.

11. CEU REPORT FROM HAW18, Shelly Leshner

The 2018 CEU program, held in conjunction with the 2018 Joint Meeting of the DNP and Japanese Physical Society in Waikoloa, HI, was highly successful. There were 139 students participating in the program, including 17 students from Japan. A roster of CEU students will be included on the DNP website in the near future.

The goal of the CEU program is to provide a valuable conference experience for undergraduate students, who have conducted research in nuclear science, by providing them an opportunity to present their research to the larger professional community and to one another in the CEU poster session. The CEU program also enables participating students to converse with faculty and senior scientists from graduate institutions about graduate school opportunities. This year introduced a mentoring program where graduate students and postdocs guided the CEU students through the conference experience. Additional CEU activities included nuclear science seminars presented by Reina Maruyama (Yale) and Brad Sherrill (MSU) as well as a tutorial about applying to graduate school by Jolie Cizewski (Rutgers) and a graduate school information session. A CEU social was provided by the DNP.

The CEU program was sponsored by the National Science Foundation, the Department of Energy (via national labs), the Division of Nuclear Physics, the Nuclear Physics Forum of Japan, the Nuclear Theory Group of Japan and the Yukawa Institute for Theoretical Physics.

12. STUART JAY FREEMAN AWARD

The inaugural “Stuart Jay Freedman Award in Experimental Nuclear Physics” was awarded to **Ania Kwiatkowski** (TRIUMF) at the HAW18 meeting. This award, which will be given annually, was established to recognize an outstanding early career experimentalist in nuclear physics. It honors the memory of Stuart Freedman who inspired his students and post-docs in experimental nuclear physics through his accomplishments, his approach to science, and his commitment to the scientific development of those whom he mentored.

The deadline for nominations of the 2019 award is March 29. The 2019 selection committee is: Michael Ramsay-Musolf (Chair), Artemis Spyrou (Vice-Chair), Jim Napolitano, Ernst Sichtermann and Zheng-Tian Lu. More information may be found on the DNP website. The 2019 award includes a \$3500 stipend. Fund raising for the award continues, with the goal of providing a \$5000 stipend, which requires an endowment of \$150,000. The current endowment is now at about \$112,000. Please contact the APS for donations via the website:

<https://www.aps.org/about/support/freedman.cfm>

13. FUTURE CONFERENCES

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

“Eighth Meeting on CPT and Lorentz Symmetry (CPT19)”

12-16 May 2019, Bloomington, IN, USA

Contacts: Alan Kostelecky

URL: <http://www.indiana.edu/~lorentz/cpt19>

Email: kostelec@indiana.edu

“6th International Conference on Proton-Emitting Nuclei”

3-7 June 2019, East Lansing, MI

Contacts: Alex Brown

URL: <https://indico.fnal.gov/event/17151/>

Email: brown@nsl.msu.edu

“MENU-2019, the 15th International Conference on Meson-Nucleon Physics and the Structure of the Nucleon”

2-7 June 2019, Pittsburgh PA

Contacts: Curtis Meyer

URL: <https://events.mcs.cmu.edu/menu2019>

Email: cmeyer@cmu.edu

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