

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

ACCOMPANYING THIS NEWSLETTER:

- Feshbach Prize Fund Solicitation

Future Deadlines



- **11 January 2013** — APR13 Abstract Submission
- **21 January 2013** — Voting in DNP Election
- **22 February 2013** — APR13 Early Registration
- **1 March 2013** — Mentor & Service Award Nominations
- **10 March 2013** — APR13 Housing Reservation
- **1 April 2013** — DNP Nominations for APS Fellowship

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. Comments and suggestions are solicited. Please send them to Michael Thoennessen at dnpweb@nscl.msu.edu

Haiyan Gao, (Duke Univ.)
Peter Pétreczky (BNL)
Michael Thoennessen (Michigan State Univ.)
Julia Velkovska (Vanderbilt Univ.)

Candidate biographies are included in this newsletter (item #20).

Web balloting has been approved by the Division's membership. Those with email addresses registered with the APS will receive an election email containing instructions plus a PIN number. Those for whom no email address is available or whose email bounces will be sent a paper ballot. The deadline for voting is 21 January 2013.

As a DNP member, please exercise your right to vote in the DNP election. Typically only some 700+ election ballots have been cast by members. Your vote does count. It is important. DNP elections have been decided by fewer than 5 votes.

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE

The terms of the officers and three members of the current Executive Committee will expire at the close of the Business meeting of the Division to be held in conjunction with the APS general meeting in Denver, CO, April 2013. Brendt Mueller will become Chair, Ani Aprahamian will become Chair-Elect, and Robert D. McKeown will become Past-Chair. Wick C. Haxton is the Divisional Councilor, serving through 2013. I-Yang Lee, Sanjay Reddy, and Sherry J. Yennello will remain members of the Executive Committee. A Vice Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected by April 2013. Executive Committee member terms are two years.

This year's Nominating Committee consists of G. Dodge (Chair), D. Kharzeev, B. M. Sherrill (Vice Chair), K. S. Kumar, and Y. Qian. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Zeïn-Eddine Meziani (Temple Univ.)
John F. Wilkerson (Univ. of North Carolina)

Secretary-Treasurer:

Benjamin F. Gibson (LANL)

Executive Committee (three positions):

Steven Elliott (LANL)
Geroge M. Fuller (Univ. of California, San Diego)

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.

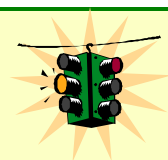
3. 2012 DNP DISTINGUISHED SERVICE AWARD

The 2012 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award is Robert A. Eisenstein of Santa Fe. Eisenstein received the award at the Business Meeting held during DNP 2012 in Newport Beach. The citation reads:

For his exceptional contributions to the Division of Nuclear Physics and to the American Physical Society on behalf of the Division, including his crucial role in establishing a lasting mechanism for providing broad community input into the Long Range Planning process via the DNP, and for spearheading the successful drive to fund the Bonner Prize.

INSIDE . . .

- Prizes and Awards
- Volunteer to Chair a Session in Denver
- Herman Feshbach Prize



4. 2012 DNP MENTORING AWARD

The 2012 recipient of the American Physical Society's Division of Nuclear Physics' Mentoring Award is Michael Thoennessen of Michigan State University. The citation reads:

For his dedication to attracting, nurturing and mentoring young people in nuclear science.

Thoennessen spoke about his mentoring experience and philosophy during an invited session for Award winners at the DNP 2012 Fall Meeting in Newport Beach. He received his certificate at the Business Meeting that followed.

5. 2013 BONNER PRIZE WINNER

Michael K. Moe of the University of California, Irvine was named the recipient of the 2013 APS Tom W. Bonner Prize in Nuclear Physics. The citation reads:

For his leadership in the first observation of the rare process of two neutrino double beta decay, where his creative contributions were instrumental to its successful detection and transformed the field.

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2013 meeting in Denver.

6. 2013 BETHE PRIZE WINNER

George M. Fuller of University of California, San Diego were named the recipients of the 2013 APS Hans A. Bethe Prize. The citation reads:

For outstanding contributions to nuclear astrophysics, especially his seminal work on weak interaction rates for stellar evolution and collapse and his pioneering research on neutrino flavor-mixing in supernovae.

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2013 meeting in Denver.

7. 2013 DISSERTATION AWARD WINNER

Gang Shen of Ohio State University (now at the INT, University of Washington) was named the winner of the 2013 Dissertation Award in Nuclear Physics. Shen's dissertation was written under the direction of Charles Horowitz. The citation reads:

For the development of a new self-consistent equation of state of nuclear matter that provides a unified description of nuclei and hot dense matter, and is suitable for use in numerical simulations of core-collapse supernova, neutron star mergers and related extreme astrophysical phenomena.

Dr. Shen received his award at the Business Meeting during the DNP 2012 Fall Meeting in Newport Beach. He spoke about his research during an invited session for Award winners.

8. NOMINATIONS FOR THE DNP MENTORING AWARD

Nominations are sought for the Division of Nuclear Physics Mentoring Award. This APS Unit Award is intended to recognize Division of Nuclear Physics members who have had an exceptional impact as mentors of nuclear scientists and students. This mentoring could be through teaching or research or science-related activities.

Examples of contributions of individuals who could be candidates for this award:

- Exceptional mentoring of early career nuclear scientists;
- Sustained commitment to mentoring early career nuclear scientists from traditionally under-represented backgrounds;
- Leadership role in developing nuclear science research and career development activities, such as centers for nuclear science research for undergraduates, or conference experiences for students, or summer schools for nuclear science students.

Early career nuclear scientists include undergraduate and graduate students, postdoctoral scholars, and nuclear science professionals early in their careers, such as assistant professors or assistant scientists.

Nominations for the 2013 award are due 1 March 2013 and should be sent to:

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

Nomination packets should consist of at least 3 but not more than 4 letters supporting the nomination and a brief biosketch of the candidate. At least two of the letters should be submitted by individuals who have benefited from the mentoring experience. Nominees shall be members of the DNP. There are no time limitations on contributions that can be recognized by this award. Nominations will be active for three years.

The members of the 2013 DNP Mentoring Award selection committee are: Robert Tribble (Chair), Sherry J. Yennello, John Beacom, Kate Jones, and Michael Thoennessen.

9. NOMNATIONS FOR THE DNP DISTINGUISHED SERVICE AWARD

Nominations are sought for the Division of Nuclear Physics' Distinguished Service Award. This APS Unit Award is intended to recognize those who have made substantial and extensive contributions to the nuclear physics community through the activities of the DNP. The award will consist of a certificate with the citation specified by the selection committee and approved by the DNP Executive Committee. Nominees should be active or emeritus members of the DNP. There are no time limitations on contributions that can be recognized by this award. Nominations will remain active for three years. The award need not to be given each year. No more than two recipients will be selected in a given year. The selection committee will consist of the DNP Chair, Chair-Elect, Vice-Chair, Past-Chair, and Secretary-Treasurer. The DNP Chair will serve as the chair of the selection committee.

Nominations for the 2013 award are due 1 March 2013. Nominations should be limited to a one page description of the candidate's contributions to nuclear physics through the DNP, plus an optional listing of positions held, major committee memberships, and the like.

Duplicate nominations are not helpful. Nominations, preferably in pdf format, should be sent to:

Robert d. McKeown
Jefferson Lab.
12000 Jefferson Avenue, Suite 15
Newport BNews, VA 23606
Phone: (757) 269-7553/ Fax: (757) 269-7398
Email: "bmck@jlab.org"

10. FUTURE DNP FALL MEETINGS

2013	October 23-26	Newport News, VA
2014	October 14-18	Waikaloa, HI

The dates include the premeeting 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 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.

11. FUTURE APS SPRING MEETING INFORMATION

2014	Apr 5-8	Savannah, GA
2015	Apr 11-14	Baltimore, MD

Any comments/suggestions should be sent to APS Director of Meetings, Terri Gaier (gaier@aps.org).

12. APS MEETING IN DENVER, CO, 13-16 APRIL 2013

The APS April Meeting gathers particle physicists, nuclear physicists, and astrophysicists to share new results and insights. April Meeting 2013 scientific sessions and ancillary activities will take place at the Sheraton Denver Downtown Hotel. The Sheraton is part of Denver's 16th Street Pedestrian Mall – a pedestrian walkway encompassing 12 blocks of shopping, dining, and entertainment with complimentary shuttles.

The April Meeting will offer its usual outstanding scientific program of three plenary sessions (nine plenary talks), approximately 75 invited sessions, more than 100 contributed sessions, and poster sessions. Considering a talk? Proofread your abstract and submit it now! Abstract submission is open.

Seventeen units (five divisions, five forums, and six topical groups) will participate:

Divisions

- * Astrophysics (DAP)
- * Computational Physics (DCOMP)
- * Nuclear Physics (DNP)
- * Particles and Fields (DPF)
- * Physics of Beams (DPB)

Forums

- * Education (FEEd)
- * Graduate Student Affairs (FGSA)
- * History of Physics (FHP)

- * International Physics (FIP)
- * Physics and Society (FPS)

Topical Groups

- * Energy Research and Applications (GERA)
- * Few-Body Systems (GFB)
- * Gravitation (GGR)
- * Hadronic Physics (GHP)
- * Plasma Astrophysics (GPAP)
- * Precision Measurement & Fundamental Constants (GPMFC)

The deadline for submitting contributed abstracts is Friday, 11 January 2012 at 5:00 p.m. EST (2:00 p.m. PST). Only APS members, or members of physical societies having reciprocal agreements with the APS, may submit abstracts. Abstracts must be submitted online. You may submit only one contributed abstract for presentation. The lead author on a contributed abstract is considered to be the presenter. See the APS web site <http://www.aps.org/meetings/april/scientific/index.cfm> for detailed instructions.

The deadline for discounted hotel reservations is 10 March 2013. The American Physical Society has contracted with the Sheraton Denver Downtown Hotel (Meeting Headquarters) for discounted room blocks for APS April Meeting attendees. To receive the April Meeting room rate you must use the APS Online Reservation Link on the April Meeting APS housing web page. Do not contact the Sheraton directly!

The deadline for early bird discounted registration rates is 22 February 2013. Late registration closes on 15 March. On-site registration opens 13 April.

13. DNP APRIL 2013 MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair Berndt Mueller, has planned a full nuclear physics program for the Spring Meeting. In addition, there will be general plenary sessions on three of the four days during the meeting, 13-16 April. The on-line BAPS program will be available for viewing in February.

Joint sessions have been arranged with the Division of Particles & Fields (2), the Division of Astrophysics (2), and the Topical Group on Hadron Physics (4).

DNP stand-alone sessions will include the Bonner Prize Session and a voted session based upon speaker nominations from the DNP membership. Five topic DNP stand alone sessions will include: "Opportunities and first results with novel detection systems in low-energy nuclear physics", "Spin structure of the nucleon at short and long distances", "Precision nonperturbative physics for Beyond-the-Standard-Model searches", "New perspectives in Neutrino Physics," and "Heavy quark probes of the quark/gluon plasma."

A single DNP mini-symposium will be organized for APR13:

E14a. Mini-symposium on local parity violation and the chiral magnetic effect in the QGP (organized by Agnes Mocsy)

14. VOLUNTEER TO CHAIR A SESSION IN DENVER AT APR13

The APS/DNP Spring Meeting will be in Denver, CO. Those who are willing to chair a session should please send an email message to Program Committee Chair Berndt Mueller "mueller@phys.duke.edu"

indicating: 1) willingness to serve and 2) areas of expertise which might be of interest. The information is needed by 9 January. Nominations of younger colleagues who will attend the meeting are welcome.

15. PHYSICAL REVIEW C INTRODUCES “STRUCTURED ABSTRACTS”

The *Physical Review* journals have long encouraged authors to provide a thoughtful, well organized abstract that conveys the main elements of their paper including the primary results. To facilitate the task for authors, *Physical Review C* is implementing “structured abstracts”. For details please see the *Physical Review C* September 2011 editorial. Anecdotal studies have shown that physicists are much more likely to read a paper after reading a structured abstract than after reading a standard abstract. Authors are encouraged to take advantage of this reader behavior.

16. CONTEMPORARY PHYSICS EDUCATION PROJECT, Howard Matis

The Contemporary Physics Education Project (CPEP) [at URL:www.CPEPphysics.org] consists of an organization of Physicists and Teachers, whose mission is to provide and distribute modern physics materials to teachers and students at the high school and college level. Branches include Particle Physics, Fusion, Cosmology, and Nuclear Physics. The Nuclear Science chart, of which more than 100,000 copies have been distributed, is being revised. In addition, several new projects are being undertaken. CPEP is asking the Nuclear Physics community for help in reviewing and creating these new items. The chart and educational materials were created in 1998 and there have been significant advances in our field. The first project is to revise the Phase Diagram of Nuclear Matter. Secondly, a new poster about Nuclear Physics is planned. Your feedback for these activities is needed. Thirdly, the material should be translated to Mobile Apps. Maybe, a Twitter feed or Facebook page can be generated. Most important, the nuclear physics section needs members with energy and new ideas. If you would like to help, would like to receive more information on joining the group, or even if you have talented students who can help us, please contact Howard Matis at HSMatis@gmail.com.

17. HERMAN FESHBACH PRIZE IN NUCLEAR PHYSICS, Gerald M. Miller

The APS Council has approved the Herman Feshbach Prize in Nuclear Physics. Sufficient funds have been received from institutions and a small number of individuals to fund the endowment at the level which will permit awarding of the initial prize at the 2014 April Meeting in Savannah, GA. It is now time for DNP members to fulfill their pledges or to step up and contribute, to carry the endowment over the \$200,000 mark needed to permit awarding of the prize on an annual basis. Please see the insert that is included with this newsletter for details of how to contribute.

18. 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 that entitles one to the

DNP discount will be verified through the DNP prior to shipment of orders.

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.

19. JEFFERSON SCIENCE ASSOCIATES OUTSTANDING NUCLEAR PHYSICIST AWARD

Jefferson Science Associates (JSA) calls for nominations for the Outstanding Nuclear Physicist Award to recognize individuals who have made outstanding and sustained contributions, including technical achievements, to experimental and/or theoretical research related to the nuclear physics program at Jefferson Lab. The biennial award consists of a certificate and a \$10,000 honorarium, presented to the honoree at the Jefferson Lab Annual Users Group meeting.

Nomination Guidelines. An individual may submit only one nomination or support letter for a candidate in the award competition. The nomination package should include

- Nomination letter describing the candidate's merits including research achievements and contributions
- Curriculum vitae
- List of publications
- No more than four letters in support of the nomination from eminent scientists in the nominee's field.

Of the nomination letter and the four letters of support, one and only one must be from the nominee's home institution and at least one from outside the nominee's home country.

Nomination packages are due January 11, 2013 and should be submitted electronically to jsaprograms@sura.org with the subject line: “2013 JSA ONP Nomination.”

More Information at <http://www.jsallc.org/IF/13ONPAward.html>. The JSA Outstanding Nuclear Physicist Award is funded by the JSA Initiatives Fund Program.

20. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

Zeïn-Eddine Meziani — Professor of Physics, Temple University, 1996-present; Associate Professor, Temple University, 1993-1996; Assistant Professor, Stanford University, 1986-1993; Jefferson Lab Visiting Scientist 1992-1993; Post-doctoral research fellow, University of Virginia 1984-1986; Ph.D. in Physics, Université Paris XI (Orsay, France), 1984; M.S. in Physics, Université Paris VII (Paris, France), 1981-1982; Research Associate, French Atomic Agency, (Saclay, France), 1981-1982; B.S. in Physics, University of Algiers, (Algeria), 1979; Fellow of the American Physical Society (APS) in 2004 and the recipient of the Temple University Faculty Research Award, 2008. Professional Service: Chair, Jefferson Lab Users Group Board of Directors, 2009-2011; Co-Chair, APS/Division of Nuclear Physics (DNP) Quantum Chromodynamics (QCD) and Hadron Physics Town Meeting, 2007; Member of the Nuclear Science Advisory Committee

(NSAC) 2007 Long Range Plan Working Group and of the Jefferson Lab Program Advisory Committee, 2004-2007 and 2010-2011; Program Committee APS/DNP, 2007-2008; Co-Editor of the European Physical Journal A (EPJA), 2007-2012; Vice-Chair, Gordon Conference - Nuclear Physics, 2009; Vice-Chair Electromagnetic Interactions with Nucleons and Nuclei (EINN), 2011; Chair, EINN, 2013. Convener of numerous workshops and conferences; Member of several International Advisory Committees of conferences; Organizer of workshops in nuclear physics. Spokesperson of several experiments at Jefferson Lab and SLAC. Co-author of more than 100 publications including the Jefferson Lab 12 GeV Upgrade white paper; Co-editor of the Electron Ion Collider white paper. Research interests: Nucleons and nuclei as a laboratory of QCD. Three-dimensional nucleon structure, nucleon electromagnetic and spin properties. Nuclear medium effects and few-body nuclear physics.

John F. Wilkerson — John R. and Louise S. Parker Distinguished Professor of Physics, University of North Carolina, at Chapel Hill, 2008-present; Joint Faculty Appointment, Oak Ridge National Laboratory, 2010-present; Associate Director, Triangle Universities Nuclear Laboratory, 2009-present; Associate Chair, Dept. of Physics & Astronomy, University of North Carolina, 2009-present; Professor of Physics, University of Washington, 1994-2008; Associate Vice Provost for Research, University of Washington, 2003-2008; Associate Chair, Department of Physics, University of Washington, 1999-2001; Staff Member, Los Alamos National Laboratory, 1985-1994; Postdoctoral Fellow, Los Alamos National Laboratory, 1982-1985; Ph.D. in Physics, University of North Carolina, 1982; BS in Physics, University of North Carolina, 1977. Fellow of the American Physical Society (1998). Fellow of the American Association for the Advancement of Science (2010). Professional Service: APS Tom W. Bonner Prize Committee, vice chair 2011, chair 2012; NSAC Sub-committee on Implementing the Priorities and Recommendations of the 2007 Long Range Plan, member 2012; National Nuclear Physics Summer School 2011, co-organizer; APS Division of Nuclear Physics, Program Committee, member 1996-1998 and 2008-2009; Physical Review C Editorial Board, 2007-2009; DOE/NSF Nuclear Science Advisory Committee, member 2007-2009; NSAC Nuclear Physics Long Range Plan Working Group and Writing Committee, member 2006-2007; Laboratori Nazionali del Gran Sasso, International Scientific Advisory Committee, member 2002-2007; APS DNP National Nuclear Physics Summer School Committee, member 2001-2002, chair 2003; APS DNP Nominating Committee, member 2001-2002, chair 2003; APS Neutrino Study, Neutrinoless double beta decay and direct searches for neutrino mass working group, member 2003-2004; NSAC Sub-committee on Fundamental Science with Neutrons, member 2003; APS DNP Home Page Committee, chair 1998-2000, member 2001-2002; APS DNP Executive Committee, member 1998-2000; APS, Committee on Meetings, member 1996-1998; National Underground Science Laboratory Committee, member 2000-2001; DNP Town Meeting on Symmetries, Neutrinos and Astrophysics Organizing Committee, coordinator of Neutrinos and Astrophysics, 2000; Conf. on Topics in Astroparticle and Underground Physics (TAUP), Int. Organizing Cmt., member 2011; International Neutrino Summer School Organizing Committee, member 2009 and 2012; Pacific Northwest National Laboratory-University of Washington Joint Board, Co-chair 2003-2008; LDRD Nuclear and Particle Physics Advisory Committee, Los Alamos National Laboratory, member 1990-1992; Organizing Committee, Rencontre de Moriond Workshop, 1990-1993. Research Interests and Activities: Neutrino physics and astrophysics, searches for rare processes, and precision tests of weak interactions. Principal Investigator, MAJORANA DEMONSTRATOR ^{76}Ge neutrinoless double-beta decay experiment. Participant, KATRIN neutrino mass experiment. Participant HALO Helium and Pb supernovae detector experiment. Spokesperson emiT Collaboration, search for T-violation in

neutron beta-decay. Participant, Sudbury Neutrino Observatory solar neutrino experiment. Co-US spokesman, Russian American Gallium Experiment (SAGE) solar neutrino experiment.

NOMINATION FOR SECRETARY-TREASURER

Benjamin F. Gibson — Staff Member, Los Alamos National Laboratory, 1972–; Group Leader, 1982–86; B. A. Rice University, 1961; Ph.D. Stanford University, 1966; Post Doctoral Fellow, LLNL, 1966–68; NRC Post Doctoral Research Associate, NBS Gaithersburg (now NIST), 1968–70; Research Associate, Brooklyn College of the CUNY, 1970–72. APS Fellow, 1983; JSPS Research Fellow, Sendai, 1984; Murdoch Fellow, INT Seattle, 1992; Humboldt Research Award for Senior U.S. Scientists, Juelich, 1992–. DOE Users Review Panel, 1983; NSAC Subcommittee on Computers and Computing, 1984–85; Bates Program Advisory Committee, 1985–89, 1998–2001, 2002–2003; LAMPF Program Advisory Committee, 1993; NSF Review Panel for IUCF, 1993; Few-Body Systems Topical Group Vice-Chair, Chair-Elect, and Chair, 1990–93; DNP Program Committee, 1990–92; Natural Sciences and Engineering Research Council of Canada, Subatomic Physics Grant Selection Committee, 1994–96; NSF Nuclear Theory Panel, 1997–98, 2006; KEK External Review Committee, 2004. Editorial Board of Physical Review C, 1978–79, 1987–88; Editorial Board of Few Body Systems, 1986–91, 1992–97, 1998–2003, 2004–; Associate Editor of Physical Review C, 1988–92, 1993–97, 1998–2002; Editor of Physical Review C, 2002–2007, 2007–. Organizing Committee for the DNP Fall Meeting, 1989; local organizer for the DNP Light Hadronic Probes Town Meeting, 1989; Co-Organizer of New Vistas in Physics with High Energy Pion Beams, 1992; Program Chair for the APS April Meeting, 1993; Co-Organizer of Properties and Interactions of Hyperons, 1993; Organizing Committee for Baryons'95, 1995; Organizing Committee for LUGI Symposium: 20 Years of Meson Factory Physics, 1996; Co-Organizer, ECT* Workshop, 1999; Co-Organizer, INT Workshop, 2001; Co-Organizer, INT Fall Program, 2003; Co-Organizer, ECT* Program, 2005; Co-Organizer of the DNP/JPS Hawaii meetings, 2001, 2005, 2009. DNP Secretary-Treasurer, 1995–. Research interests: few-body systems, hypernuclei, electromagnetic interactions in nuclei, meson interactions with nuclei, parity nonconservation in nuclear systems, electric dipole moments of few-nucleon systems.

NOMINATIONS FOR EXECUTIVE COMMITTEE

Steven Elliott — Technical Staff Member, Los Alamos National Laboratory (2002-Present); Lab Fellow (2012); Weak Interactions Team Leader (2011-present), Acting Deputy Group Leader, LANL (2006-2007); Adjunct Professor, University of New Mexico (2005-Present); Affiliate Associate Professor, University of Washington (2002-2008); Affiliate Professor, University of Washington (2008-present); Research Associate/Assistant Professor, University of Washington (1995-2002); Post Doctoral Fellow, Lawrence Livermore National Laboratory (1991-1994); Post Doctoral Fellow, LANL (1988-1991); Ph.D. University of California, Irvine (1987), M.Sc. University of California, Irvine (1984); B.Sc., magna cum laude, University of New Mexico (1982); Fellow American Physical Society (2004); Spokesperson MAJORANA collaboration; National Nuclear Physics Summer School Steering Committee, Member (2011-2014), Vice Chair (2013); Nominating Committee of the DNP (2010); Deep Underground Research Association, member/chair (2010-2012); DUSEL Experiment Development Committee (2007-2011); Long Range Plan-local organizing committee for town meeting (2006-2007); Dark Matter Scientific Assessment Group member (2006-2007); Scientific and program advisory committees of international symposia and meetings such as: Neutrino, CIPANP, LRT Workshop, BLNV, DNP, Ge detector

workshop; SAGENAP member (2004); APS study on the physics of neutrinos, working group co-leader and writing committee (2003-2004); Neutrino Facility Assessment Committee of the National Academy of Sciences, member (2002); DNP program committee member (2002-2003); Research experience and interests: double-beta decay (dissertation, MAJORANA project), solar neutrinos (SAGE and SNO collaborations), supernova neutrinos; Atomic physics of highly charged ions (electron beam ion trap), dark matter; Future: double-beta decay and dark matter

George M. Fuller — Director, Center for Astrophysics and Space Sciences (CASS), University of California, San Diego, 2007-present; Distinguished Professor of Physics, University of California, San Diego, 2012-present; Professor of Physics, University of California, San Diego, 1992-2012; Associate Professor of Physics, University of California, San Diego, 1988-1992; Staff Member, IGPP, Lawrence Livermore National Laboratory, 1986-1988; Research Assistant Professor (Nuclear Theory), University of Washington, 1985-1986; Visiting Assistant Research Astrophysicist, University of California, Santa Cruz, 1983-1985; Robert R. McCormick Postdoctoral Fellow, The University of Chicago, 1981-1983. PhD in Physics (W. A. Fowler advisor, Kellogg Radiation Lab), 1981, California Institute of Technology; BS, Physics, 1976, California Institute of Technology. Fellow, American Physical Society, 1995; APS Centennial Speaker Program, 1994; APS Hans A. Bethe Prize, 2013. Past DNP Service: Fellowship Committee; Program Committee; National Nuclear Physics Summer School Committee. Organizer or Co-Organizer for numerous workshops/ conferences, e.g., “Connecting Quarks with the Cosmos” at INT, Seattle, 2009; “The Origin of the Elements: A Modern Perspective” at ECT*, Italy, 2011. Research Interests: Nuclear Astrophysics: neutrino physics and astrophysics, nucleosynthesis, and in general the intersection of nuclear physics, the weak interaction, and gravitation.

Haiyan Gao — Henry Newson Professor of Physics, Duke University (2012- present); Professor of Physics, Duke University (2008- 2012); Associate Professor of Physics, Duke University (2002-2008); Associate Professor of Physics, MIT (2002-2004); Assistant Professor of Physics, MIT (1997-2002); Assistant Physicist, Argonne National Laboratory (1996-1997); Postdoctoral Research Associate, University of Illinois, Urbana-Champaign (1994-1996); Ph.D in Physics, California Institute of Technology (1994); B.S. in Physics, Tsinghua University (1988). AWARDS: Chang Jiang Chair Professor at Tsinghua University, Ministry of Education of China (2009-2012); Fellow of the American Physical Society (2007); Overseas Outstanding Young Scholar Collaborative Award, National Natural Science Foundation of China (2005-2008); Outstanding Junior Investigator, Department of Energy (2000-2003). SERVICE: Elected to APS Executive Board (2013-2014); President, International Organization of Chinese Physicists and Astronomers (OCPA) (2011-2012); NSAC subcommittee on the Implementation of the Long Range Plan (2012); Program Advisory Committee, ELSA-MAMI (2012-present); Vice President, OCPA (2009-2010); General Councilor, American Physical Society (2010-present); Program Advisory Committee, Jefferson Lab (2010-present); Member, National Nuclear Physics Summer School (NNPSS) Committee (2009 – present); Member, DNP Fellowship Committee (2009-2010); Member, APS Panel on Public Affairs (2007-2009); National Advisory Committee, Institute of Nuclear Theory (2005 – 2007); DNP Program Committee (2004-2005); DNP Dissertation Award Committee (2003-2004); Director, Jefferson Lab User Group Board of Directors (2000-2002); Vice Chair, MIT-Bates Lab User Group Board of Directors (2000 - 2001) and Chair (2001-2008); Co-chairs of eight conferences and workshops; International Advisory Committee members of many international conferences, workshops and symposia including the International Spin Physics Symposia (2007 –

2014); Associate Editor, EPJA (2007-2013); Associate Chief Editor, Frontiers of Physics (2011-present); Editorial board of Progress in Physics (2009-2013). RESEARCH INTERESTS: Structure of the nucleon, search for QCD exotics, fundamental symmetry studies at low energy to search for new physics beyond the Standard Model of electroweak interactions, developments of polarized targets.

Péter Petreczky — Tenured Scientist. Brookhaven National Laboratory (2010-present). Scientist (2009-2010), Associate Scientist (2007-2009), Assistant Scientist (2005-2007), Distinguished Goldhaber Fellow (2002-2005) Brookhaven National Laboratory. Postdoctoral Research Associate Bielefeld University, Germany (1999-2002). PhD in Physics, Eötvös University, Budapest, 1999. M.Sc. in Physics, Debrecen University (Hungary), 1996. Awards: Distinguished Goldhaber Fellowship (2002), Zimányi Medal for Nuclear Theory (2012). Professional service: co-organizer of 20 International meetings, including Strong and Electroweak Matter 2006, the 4th International Workshop on Heavy Quarkonia 2006, xQCD 2006, Lattice 2014, INT program: Heavy Flavor and Electromagnetic Probes in Heavy Ion Collisions (INT-14-3), National Nuclear Physics Summer School 2013. Member of USQCD Scientific Program Committee, Topical Convener of Quarkonium Working Group, Member of the Program Committee of the APS Topical Group on Hadron Physics (2009-present), member of international advisory committees for several meetings, referee for DOE ONP. Research Interests and Activities: QCD at non-zero temperature and density, lattice QCD, quarkonium spectroscopy, heavy ion phenomenology; co-authored over 100 papers with over 6000 citations and h-index of 42.

Michael Thoennessen — Professor of Physics, Michigan State University, 1998–present; Associate Director for Education, NSCL, 2007–present; Associate Director for Nuclear Science, NSCL 2003–2007; Associate Professor of Physics, Michigan State University, 1995–1998; Assistant Professor of Physics, Michigan State University, 1990–1995; Research Associate, ORNL and JHIR, 1988–1990; Ph.D. in Physics, SUNY at Stony Brook, 1988; APS/DNP Mentoring Award (2012), GENCO Award (2009), Fellow of the American Physical Society (2005). Professional Service: DNP Education Committee (2007-present); DNP Home Page Committee and Webmaster (2009–present); Committee on Publication Ethics, COPE (2008–present); Visiting Committee of the APS Gender Equity Project (2009–present); Supervisory Editor, Nuclear Physics A (2004–present); DNP Mentoring Award Committee (2010, 2013); APS Education Committee (2011–2014); NSF TUES Type 2 Review Panel (2012); DNP Program Committee (2003–2004, 2010–2011); DNP fall meeting organizer (2011); US Delegation to the fourth International Conference of Women in Physics (2011); NSAC subcommittee on Public Access of Research Results (2011); APS Forum on Education Nominating Committee (2011); EURISOL Users Executive Committee (2008–2010); NSAC DOE Committee of Visitors (2007, 2010); DOE Review of the Cyclotron Institute at the Texas A&M University (2010); APS Division of Nuclear Physics Nominating Committee (2009); Helmholtz Program “Physics of Hadrons and Nuclei” Evaluation Panel, GSI, Germany (2009); External Review Committee of Hope College Physics Department (2009); Evaluation Panel for the Establishment of the Helmholtz Institute Mainz (2009); External Review of the Center of Excellence for Radioactive Ion Beam Studies for Stewardship Science (2009); External Review Committee to Review Physical Review C and its Editor (2008); Co-organizer, APS/AAPT Graduate Education in Physics Conferences (2008, 2013); Co-convenor NSAC LRP town meeting “Nuclear Astrophysics and Study of Nuclei” (2007); UREKA Reviews, Science Foundation of Ireland (2005–2008); RIA-GSI Comparison Committee (2003–2004); Gamma-Ray Tracking Coordination Committee (2002–2003); NSF GK-12 Review Panel (2002); Research Interest and Activities: Experimental nuclear physics,

radioactive beams, neutron- and proton-rich nuclei; member of the MoNA Collaboration, performed experiments at Stony Brook, ORNL, Texas A&M, Indiana, ANL, and NSCL.

Julia Velkovska — Professor of Physics, Vanderbilt University, 2012 - present; Associate Professor of Physics, Vanderbilt University, 2008 - 2012; Assistant Professor of Physics, Vanderbilt University, 2003-2008; Assistant Physicist, Brookhaven National Laboratory, 2001-2003, Post-doctoral research fellow, Stony Brook University, 1997-2001; Ph.D. in Physics, Stony Brook University, 1997; Research associate, Institute of Electronics, Bulgarian Academy of Sciences, 1989-1991; M.S. in Physics. Sofia University St Kliment Ohridski, Sofia, Bulgaria, 1988; Kavli Frontiers Fellow (2010), Alfred P. Sloan Fellow (2007), DOE Outstanding Junior Investigator (2004). Professional service: NSAC, 2011-present; NSAC subcommittee on Public Access to Research Results, 2011; RHIC/AGS User Executive Committee, 2005 -2007; RHIC II white paper writing committee, 2006; RHIC II Equation of State working group co-convenor, 2004-2006; CMS experiment Heavy Ion program co-convenor, 2012-present; CMS collaboration board, 2011-2012; PHENIX experiment hard-scattering physics working group co-convenor, 2009-2010; CMS experiment correlations and flow convenor, 2009-2011; PHENIX experiment hadron working group co-convenor, 2002-2004, PHENIX detector council, 2004-present; PHENIX Speakers' Bureau, 2004-2005 and 2010-2011; International advisory committee for the Quark Matter conference in 2009 and 2011; Local organizing committee for Quark Matter 2009 and 2012; founding organizer of the Hot Quarks workshop series, and member of the organizing committee for Hot Quarks 2004, 2006, and 2008; local organizing committee, DNP meeting, 2006; several other workshop organizing committees; panel reviewer for NSF and DOE. Research interest: experimental relativistic heavy ion physics with the PHENIX experiment at RHIC (1997-present), and the CMS experiment at LHC (2008-present); studies of the phases of nuclear matter, collective phenomena in the quark-gluon plasma, particle production mechanisms and hadronization, jet quenching .

“V International Pontecorvo Neutrino Physics School”

6 – 16 September 2012
Alushta, Crimea, Ukraine
Contact: Samoli Bilensky
URL: <http://pontecorvosch.jinr.ru>

“20th International Symposium on Spin Physics” (SPIN2012)

16 – 23 September 2012
Dubna, Russia
Contact: Richard Lednicky
Email: spin2012@theor.jinr.ru
URL: <http://spin2012.jinr.ru/>

3rd International Ulaanbaatar Conference on Nuclear Physics and Applications (UBC2012)

17 – 20 September 2012
Ulaanbaatar Mongolia
Contact: Dugersuren Dashdorj
Email: ubc2012@monamescience.org
URL: <http://www.monamescience.org>

“European Nuclear Physics Conference 2012” (EuNPC2012)

17 – 21 September 2012
Bucharest, Romania
Chairman: Nicolae-Victor Zamfir;
Email: eunpc2012@nipne.ro
URL: <http://www.ifin.ro/eunpc2012/>

“11th International Conference on Hypernuclear and Strange Particle Physics” (HYP2012)

1 – 5 October 2012
Barcelona, Spain
Contact: Angels Ramos
Email: ramos@ecm.ub.es

21. FUTURE CONFERENCES

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

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SCHIFF, L. I.	1967	BALL, J.B.	1990
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FESHBACH, H.	1970	BENCZER-KOLLER, N.	1993
PHILLIPS, G.C.	1971	DOVER, C.B.	1994
LAURITSEN, T.	1972	WALECKA, J.D.	1995
AJZENBERG-SELOVE, F.	1973	RIEDINGER, L.L.	1996
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HENLEY, E.M.	1978	MOSS, J.M.	2001
AXEL, PETER	1979	GLASHAUSSER, C.	2002
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