

Health Physics Society (HPS) Section Annual Report

General Information

Section Name: Accelerator Section

Reporting Period: July 2011 – December 2011

Mailing Address: Address of current section secretary (6678 Old Station Drive, West Chester, OH 45069-4360)

Dues: \$5.00

Membership: 163 (Count as of 12/31/2011)

Charter Date: August 24, 1993 (revised)

Sponsorship of HPS special sessions or regional/topical meetings? Yes

2011 Accelerator Section Special Session. An Accelerator Section Special Session was held at the 56th Annual Meeting of the HPS in West Palm Beach, Florida, with the theme “Neutrons from Accelerators.” This session included two G. William Morgan Lectureship presentations. The Accelerator Section’s Special and Regular Sessions were held on Wednesday, June 29, from 8:30 AM to 5:00 PM, with several talks presented. Session chairs were Mike Grissom and Rich Brey for the special session with Jason Harris and Lorraine Marceau-Day for the regular session.

Collaborations with other societies or sections? Yes

2013 Mid-Year Meeting. A significant effort has been expended in developing a possible joint topical Mid-Year Meeting and associated Professional Development School (PDS) for the 2013 HPS Mid-Year in Scottsdale, Arizona. The Medical Health Physics Section has agreed to participate in the Mid-Year and also any associated PDS. National and local Arizona AAPM members have been contacted in regards to this effort, as well as in New Mexico for the PDS. Mike Grissom met with the HPS Board of Directors at the 2011 HPS Annual Meeting in West Palm Beach, FL on June 26, 2011 to discuss the meeting proposal. The title/theme of “Medical and Accelerator Dosimetry” with a number of subtopics was identified and a proposed schedule of family and technical tours presented with the help of Matt McFee, HPS Program Committee Chair. The HPS Board of Directors approved moving forward with the proposal after making suggestions regarding the proposed subtopics. In follow-up to the meeting, Mike Grissom provided the Presidents Elect of the Accelerator and Medical Sections with background information related to the Mid-Year proposal as well as electronic copies of the forms required by the AAPM to co-sponsor the meeting.

2013 Professional Development School. The HPS Rio Grande Chapter HPS has agreed to sponsor next year’s PDS program in the Albuquerque, NM area. The concept being developed is an update of the 2008 PDS held in Oakland, CA with an added emphasis on medical accelerators. This would then be a companion meeting to the 2013 Mid-Year Meeting. Coordination with the Rio Grande Chapter and local AAPM members is being considered. Deans for the effort (academic and local arrangements) will need to be appointed soon. The HPS now requires a detailed budget plan and schedule before final approval of PDS proposals.

Website: <http://hpschapters.org/sections/accelerator/>

Section Leadership

President: Rich Brey (2012)

President-Elect: Mike Sandvig (2012)

Secretary: Louise Buker (2013)

Treasurer: Steve Frey (2012)

Past-President: Mike Grissom (2012)

Section Council/Board Member: Lorraine Day (2013)

Section Council/Board Member: Eric Burgett (2013)

Section Council/Board Member: H.F. (Henry) Kahnhauser (2014)

Section Council/Board Member: Elsa Nimmo (2012)

Section Council/Board Member: Reg Ronningen (2012)

Section Council/Board Member: Jack Topper (2012)

Section Council/Board Member: George Kharashvili (2014)

Newsletter Editor: Keith Heinzelman (2012)

Other (please specify):

- Kamran Vaziri, HPS Ask the Expert Topic Editor
- Patricia L. Lee, HPS Board Liaison

Financial Status

- Account Balance as of 9/1/2011 \$ 9,442.63
- Income Received (Q1CY12) as of 11/30/2011
 - Dues \$ 140.00
 - Contributions \$ 0
- Expenses Paid (Q1CY12) as of 11/30/2011
 - Collection and Management Fees \$ 14.00
- Net Increase for Fiscal Year (Q1CY12) \$ 126.00
- Account Balance as of 11/30/2011 \$ 9,568.63

Note: "Q1CY12 above means during the fiscal period 9/1/2011-11/30/2011.

Other Meetings/Activities

- **2011 Accelerator Section Business Meeting.** The Accelerator Section held its annual business meeting on June 29, 2011, during the 56th Annual Meeting of the HPS in West Palm Beach, Florida. Newly elected officers were announced and assumed their positions. Student awards were presented. The minutes of this meeting will be posted on the section website at: <http://hpschapters.org/sections/accelerator/documents.php3>.
- **2011 Accelerator Section Executive Board of Directors Meeting.** The Accelerator Section Board of Directors (BOD) met on June 26, 2011, during the 56th Annual Meeting of the HPS. The election results were announced and certified for presentation to the general membership at the section business meeting. The BOD affirmed supporting the 2013 HPS Mid-Year in Scottsdale, Arizona with the key officers of the Medical HP Section present. The BOD briefly discussed the teams set up in 2010-2011 to review the Section's By Laws and related documents. See the meeting minutes when posted at: <http://hpschapters.org/sections/accelerator/documents.php3>.
- **2011 H. Wade Patterson Memorial Award.** At the 2011 Accelerator Section Special Session in West Palm Beach, the section announced the honoree for the H. Wade

Patterson Memorial Award, presented each year to recognize an outstanding student in accelerator health physics (<http://hpschapters.org/sections/accelerator/awards.php3>). The winner of the H. Wade Patterson Award was Santosh Bhatt, University of Tennessee, Knoxville, Tennessee for his presentation titled: “Estimates of Secondary Neutron Cross-Sections from Heavy Ion Reactions at High Energies Using HETC-HEDS.” The judges were Lorraine Marceau-Day, Don Cossairt and Reg Ronningen. Santosh also was recognized at the 2011 HPS Awards Reception and Banquet by Past-President Howard Dickson and received a plaque and \$150 check.

- **2011 Lutz Moritz Memorial Award.** At the 2011 Accelerator Section Special Session in West Palm Beach, the section announced the honoree for the Lutz Moritz Memorial Award, presented each year to recognize an outstanding student in accelerator health physics (<http://hpschapters.org/sections/accelerator/awards.php3>). The Lutz Moritz Award was given to Jeremy Rogers, Texas A&M University, College Station, Texas. His presentation was titled “A Review of Neutron Methods in the Age of the ^3He Shortage.” The judges were Lorraine Marceau-Day, Don Cossairt and Reg Ronningen. Jeremy was also recognized at the 2011 HPS Awards Reception and Banquet by Past-President Howard Dickson and received a plaque and \$150 check.
- **2011 G. William Morgan Lectureship Award.** J. Donald Cossairt presented his lecture titled “Chadwick’s Neutron and the Role of New Particles in Accelerator Health Physics” at the Accelerator Section Special Session on Wednesday, June 29, 2011 in West Palm Beach, FL.
- **2011 G. William Morgan Lectureship Award.** L. Scott Walker presented his lecture titled “High Energy Neutrons: Past, Present and Future Dosimetry, Measurement and Spectroscopy” at the Accelerator Special Session on Wednesday, June 29, 2011 in West Palm Beach, FL.
- **2011 HPS Founders Award.** Ralph Thomas was presented the award at the 2011 HPS Awards Reception and Banquet by Past-President Howard Dickson in West Palm Beach, FL on June 28, 2011.
- **2011 Elda E. Anderson Award Nominee.** A nomination for the HPS 2011 Elda E. Anderson was submitted to Howard Dickson, HPS Awards Committee Chair, on January 19, 2011. The award was not given this year but our nominee will be reconsidered for the award in the 2012 awards process. An update of the submission is in process at this time.
- **2012 Accelerator Section Student Awards.** We will be selecting one student’s work submitted to the annual meeting to receive the H. Wade Patterson Memorial Award and another student’s work for the Lutz Moritz Memorial Award. Like the H. Wade Patterson Memorial Award, the Lutz Moritz Memorial Award will be presented to a promising health physics student who has submitted an outstanding talk or poster on accelerator radiation protection. Each award will provide the winner with a \$150 check and plaque. See details of these awards on the Accelerator Section website (<http://hpschapters.org/sections/accelerator/awards.php3>). The 2012 Students Award Committee members will be appointed prior to the 57th Annual Meeting of the HPS in Sacramento, California.
- **Accelerator Section Elections.** The Section Nominations Committee Chair person and Committee members will be appointed in the near future. There continues to be a possibility that in addition to officers the Section’s ballot for 2012 there may be proposed changes to the Accelerator Section By-Laws and related documents although

the By-Laws require a specified time to complete such actions along with the appointment of a Rules Committee. It is hoped that the 2011-2012 Accelerator Section Board of Directors will be able to advance the recommendations from the review teams during the 2011 review process. This year's ballots are expected to be issued in the May/June 2012 process.

- **Accelerator Section Website.** The Accelerator Section website (<http://hpschapters.org/sections/accelerator/>) continued to be maintained and updated by Section officers as assisted by the HPS webmaster, Ruedi Birenheide. Items expected to be added in 2011-2012 included lectures from Accelerator Section Special Sessions and other accelerator-related talks, photos of Accelerator Section members at HPS meetings, announcements of student award recipients, and section business documents.
- **Accelerator Radiation Safety Newsletter.** Due to unexpected circumstances that led to the resignation of the elected Editor for the 2011-2012 Board year, the Accelerator Radiation Safety Newsletter (ARSN) was not issued for the 3rd and 4th quarters of 2011. The 1st quarter of 2012 issue is expected to be issued in February 2012. The newsletter is distributed internationally via e-mail to all members of the Accelerator Section and to others interested in accelerator safety. The newsletter is also available on the web at: <http://www.hps.org/iarpe>. The contents of the newsletters included reports from officers of the Accelerator Section and news from correspondents at accelerator facilities around the world.
- **Elections to the HPS Board of Directors.** In 2011, the Accelerator Section nominated a section member as a candidate for HPS president-elect for the fall 2011 HPS elections, but our candidate was not selected for the final ballot.

Additional Comment/Concerns/Suggestions

The Accelerator Section continues to be concerned about the issue of declining membership. The Section strongly supports HPS President Kathy Pryor's ongoing membership initiatives, and though this year there was some progress in gaining new members (as of January 23, 2012 an increase of 24 compared with the Section's 2010-2011 Annual Report) efforts are still needed for further improvement.

Report prepared by Mike Grissom, Steve Frey, Rich Brey, Reg Ronningen, Mike Sandvig, Lorraine Marceau-Day, Louise Buker, and Keith Heinzelman.