

Health Physics Society (HPS) Section Annual Report

General Information

Section Name: Accelerator Section

Reporting Period: July 2011 – June 2012

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

Dues: \$5.00

Membership: 156 (Count as of 5/22/2012)

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. Effort has been expended in developing a joint Medical HP and Accelerator Section topical Mid-Year Meeting for the 2013 HPS Mid-Year in Scottsdale, Arizona (scheduled for the Doubletree Paradise Valley Resort/Scottsdale for January 27-30, 2013). National and local Arizona AAPM members have been contacted with respect to this effort, including a call for co-chairs and development of a draft Technical Program in association with the HPS Program Committee’s Scottsdale Task Force. The HPS Board of Directors approved moving forward with the later revised theme “Medical Health Physics and Accelerator Dosimetry” 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. At the present time, the HPS Program Committee has set up their template for the Scottsdale meeting with 3 optional schedules subject to the availability of the invited speakers identified by Ken Mossman (ASU) and others. The formal call for abstracts is expected to take place soon after the 2012 HPS Annual Meeting in Sacramento, CA.

2013 Professional Development School. The HPS Rio Grande Chapter HPS has agreed to co-sponsor a 2013 Professional Development School (PDS) in the Albuquerque, NM (presently planned to be at the Sheraton Uptown for March 4-6, 2013). The theme being developed is “Topics in Accelerator Health Physics and Medical Applications.” This would be a companion meeting to the 2013 Mid-Year Meeting in Scottsdale. Coordination with the Rio Grande Chapter and local AAPM members is underway. Deans for the effort (academic and administrative) have been appointed. The HPS now requires a detailed budget plan and schedule before final approval of PDS proposals and the target is to have that information ready before the July 2012 HPS Annual Meeting in Sacramento, CA.

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 (Dept 420 & 284-000)

- Account Balance as of 8/31/2011 (End FY11) \$ 9,442.63
- Income Received (FY12 YTD)
 - Dues \$ 595.00
 - Contributions \$ 0
- Expenses Paid (FY12 YTD)
 - Collection and Management Fees \$ 59.50
- Net Increase for Fiscal Year (FY12 YTD) \$ 535.50
- Account Balance (FY12 YTD) \$ 9,978.13

Note: "FY12 YTD" above means during the fiscal period 9/1/2011-2/29/2012.

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 have been 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. The meeting

minutes have been posted on the Section website 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 Student Awards Committee members 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 Student Awards Committee members 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.
- **2012 HPS Accelerator Section Volunteer Award.** The Section approved the nomination of Keith L. Heinzelman for the 2012 Section Volunteer Award on April 11, 2012. This award was provided in recognition of Keith’s taking on service as Editor of the Section Newsletter during the 2011-2012 Board year on short notice as well as his previous service as Editor. Due to Keith’s not being able to attend the HPS Annual Meeting in Sacramento, the award was presented at the May 17, 2012 Meeting of the Northern California Chapter HPS. Jack Topper, President NCC HPS and Section Director, made the presentation to Keith (<http://hpschapters.org/sections/accelerator/awards.php3>).
- **2012 Elda E. Anderson Award Nominee.** The Accelerator Section in joint action with the Reactor Section reaffirmed the nomination of Jason Harris for the HPS 2012 Elda E. Anderson Award which was submitted to Ed Maher, HPS Awards Committee Chair, on February 27, 2012. The award was made in May of this year and will be

formally presented at the HPS Annual Meeting in Sacramento at the Annual Awards Banquet on July 24, 2012.

- **2012 HPS Fellow Award.** Mike Grissom was nominated to be a Fellow of the HPS in a submission to Ed Maher, HPS Awards Committee Chair, on January 31, 2012. The award was made in May of this year and will be formally announced at the HPS Annual Meeting in Sacramento at the Annual Awards Banquet on July 24, 2012.
- **2012 Accelerator Section Student Awards.** The Section 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 is Chaired by Lorraine Marceau-Day with Members Mike Grissom, Scott Walker and Steve Frey. Final selections will be made at the 57th Annual Meeting of the HPS in Sacramento, California.
- **2012 Accelerator Section Rules Committee.** Rich Brey, Section President appointed a Rules Committee on April 4, 2012 consisting of Mike Grissom (Chair), Mike Sandvig and Scott Schwahn (members) to review the Section's By-Laws and Charter. After a consideration of proposals from Scott and Mike regarding terms of office and designations of Section Officers and administrative elements from the Section Document Review Teams during the 2010-2011 Board year, revised versions were submitted to Rich Brey (thanks largely to Scott's efforts) on May 21, 2012. After additional review and adjustments, on June 2, 2012 the revised versions as well as mark-ups of the current Charter and By-Laws were submitted to Patricia Lee (HPS Director Liaison to the Accelerator Section) for staffing through the HPS Rules Committee and HPS Board of Directors. If approved by the HPS, the next step will be submitting the revisions to the Section Membership for ballot approval.
- **Accelerator Section Elections.** Steve Frey served as the Section's Nominations Committee Chairperson (appointed by Rich Brey) with Don Cossairt and Carter Ficklen as members. This year's ballots were issued on June 4, 2012. Final vote tallies and results announcement will be made at the HPS Accelerator Section's Annual Business Meeting at Noon, Tuesday July 24, 2012 following the Accelerator Session in Room 306, Sacramento Convention Center, Sacramento, CA.
- **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 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 and volunteer 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 was issued on March 5, 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://hpschapters.org/sections/accelerator/newsletters.php3>. 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. The candidate has agreed to run again in the fall 2012 HPS elections and the nomination package has been received by Danny McClung, Chair HPS Nominating Committee (affirmed April 12, 2012).

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 in the 2011-2012 Board year efforts are still needed for further improvement.

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