

Health Physics Society (HPS) Section Annual Report

General Information

Section Name: Accelerator Section

Reporting Period: July 2009 – June 2010

Mailing Address: Address of current section secretary (1985 E 25th Street, Idaho Falls, ID 83404-6461)

Dues: \$5.00

Membership: 155

Charter Date: August 24, 1993 (revised)

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

2009 Accelerator Section Special Session. The Accelerator Section Special Session at the 54th Annual Meeting of the HPS was held in Minneapolis, Minnesota, on Tuesday, July 14, from 8:30 AM to 5:30 PM. The session was cochaired by Henry Kahnhauser and Linnea Wahl. Although we were unsuccessful in our bid for a Morgan lectureship award, the special session went well, with nine talks in the morning and, following the section business meeting at noon, nine more presentations in the afternoon.

2010 Accelerator Section Special Session. The Accelerator Section Special Session will be held at the 55th Annual Meeting of the HPS in Salt Lake City, Utah, with 14 talks planned on Tuesday, June 29, 2010. This session will include a presentation by Bob Casey, winner of the 2010 Dade Moeller Lectureship Award, and an invited paper by Ken Barat. The Accelerator Section Regular Session will be held on Wednesday, June 30, from 2:30 to 5:00 PM, with six talks planned. Session chairs will include Linnea Wahl, Mike Grissom, Kamran Vaziri, Henry Kahnhauser, and Gary Zeman.

Collaborations with other societies or sections? None

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

Section Leadership

President: Linnea Wahl (2010)

President-Elect: Mike Grissom (2010)

Secretary: Mike Sandvig (2011)

Treasurer: Marcia Torres (2010)

Past-President: Henry Kahnhauser (2010)

Section Council/Board Member: Mike Duran (2010)

Section Council/Board Member: Mike Singh (2010)

Section Council/Board Member: Sam Baker (2011)

Section Council/Board Member: Elsa Nimmo (2012)

Section Council/Board Member: Reg Ronningen (2012)

Section Council/Board Member: Jack Topper (2012)

Newletter Editor: Keith Heinzelman (2010)

Other (please specify):

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

Financial Status

FROM 9/1/2009 THROUGH 4/30/2010

ACCOUNT BALANCE AS OF 8/31/2009	\$9,290.24
INCOME RECEIVED	
Dues from HPS Members	655.00
Mid-Year/PDS Stipend for Hosting	-
Contributions	-
Interest Income	-
TOTAL INCOME COLLECTED	<u>\$655.00</u>
EXPENSES PAID	
IRPA Delegate Support	-
Nebra Robinson	-
Eric Burgett	-
09 Annual Meeting Plaques	-
Collection & Management Fees	65.50
TOTAL EXPENSES PAID	<u>\$65.50</u>
NET INCREASE FOR FISCAL YEAR	589.50
ACCOUNT BALANCE	<u><u>\$9,879.74</u></u>

Other Meetings/Activities

- **2009 Accelerator Section Business Meeting.** The Accelerator Section held its annual business meeting on July 14, 2009, during the 54th Annual Meeting of the HPS in Minneapolis, Minnesota. Newly elected officers were announced and assumed their positions. Student awards were presented. A motion was made, seconded, and passed to establish the Lutz Moritz Memorial Award in honor of Lutz Moritz, who passed away on October 16, 2008 (see below). The minutes of this meeting are posted on the section website <http://hpschapters.org/sections/accelerator/documents.php3>.
- **2009 Accelerator Section Executive Board of Directors Meeting.** The Accelerator Section Board of Directors met on July 13, 2009, during the 54th Annual Meeting of the HPS. The election results were announced and certified for presentation to the general membership at the section business meeting. See the meeting minutes at <http://hpschapters.org/sections/accelerator/documents.php3>.
- **2009 H. Wade Patterson Memorial Award.** At the 2009 Accelerator Section Special Session in Minneapolis, the section announced two honorees for the H. Wade Patterson Memorial Award, presented each year to recognize outstanding students in accelerator health physics (<http://hpschapters.org/sections/accelerator/awards.php3>). These students were also recognized at the 2009 HPS Awards Reception and Banquet by Past President Kevin Nelson. The judges were Kamran Vaziri and Reg Ronningen.
 - The winner of the H. Wade Patterson Award was Eric Burgett, Georgia Institute of Technology, for his talk on "A Low-Cost, High-Energy Neutron Spectrometer Extension to a Bonner Sphere Spectrometer." Eric received a plaque and \$250 check.

- Honorable mention went to Neba Robinson, Idaho State University, for his talk on “Limitations of Bremsstrahlung Radiation for Microbeam Radiation Therapy.” Neba received a certificate of merit and \$50 check.
- **2010 Annual Meeting PEPs and CELs.** Scott Walker will present three professional enrichment programs (PEPs) on accelerator health physics at the 55th annual meeting in Salt Lake City on Sunday, June 27, 2010. At the same meeting, Scott and James Liu will also present a continuing education lecture (CEL) on the draft ANSI N43.1 standard on Tuesday, June 29, 2010.
- **2010 Dade Moeller Lectureship Award.** Bob Casey was nominated and awarded the 2010 Dade Moeller Lectureship Award. Bob will present his lecture at the first Accelerator Section Special Session on Tuesday, June 29, 2010, at 8:45 AM.
- **2010 HPS Honor Roll Award Nominee.** Lutz Moritz (1943—2008) was nominated and awarded membership on the 2010 HPS Honor Roll. The award will be announced at the awards banquet to be held at the 55th annual meeting in Salt Lake City.
- **2010 HPS Founders Award Nominee.** A nomination for the HPS 2010 Founders Award was submitted to Dick Toohey, HPS Awards Committee Chair, on November 5, 2009.
- **2010 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. In addition, at the 2009 Accelerator Section business meeting, the members of the section voted to establish the Lutz Moritz Memorial Award in honor of Lutz Moritz, a founding member and past president of the Accelerator Section who passed away in October 2008. This award honors Lutz and his contributions to accelerator health physics. 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>).
- **Accelerator Section Elections.** Linnea Wahl appointed Carter Ficklen as chair of the Nominating and Elections Committee. Carter, along with committee member Don Cossairt, recruited the following slate of candidates for the 2010 Accelerator Section board of directors: for president-elect, Rich Brey, Idaho State University; for treasurer, Steve Frey, SLAC (retired); for director, Eric Burgett, Georgia Tech (moving to Idaho State during 2010); for director, Lorraine Day, Louisiana State University; and for newsletter editor, Keith Heinzelman, Lawrence Livermore National Lab. Ballots were sent to the section members in early May, in accordance with the by-laws. The election will be concluded at the annual section business meeting on June 29, 2010, and new board members will assume their responsibilities.
- **Accelerator Section Website.** The Accelerator Section website (<http://hpschapters.org/sections/accelerator/>) was maintained and updated by the section officers and by the HPS webmaster, Ruedi Birenheide. It includes a feature for asking questions related to accelerator health physics, which links to the HPS Ask the Expert website where Accelerator Section member and past president Kamran Vaziri responds to questions that are submitted. Other additions to the website include a standard operating procedure for the Accelerator Section board members’ duties (<http://hpschapters.org/sections/accelerator/documents.php3>) and a definition of an accelerator health physicist (<http://hpschapters.org/sections/accelerator/whatis.php>).

- **Accelerator Radiation Safety Newsletter.** We prepared and distributed the fall and winter 2009 and spring 2010 quarterly volumes of the Accelerator Radiation Safety Newsletter, with the summer 2010 volume planned for late June. 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.
- **ANSI N43.1.** A draft of ANSI N43.1 was submitted in September 2009 by James Liu, SLAC National Accelerator Laboratory, and Scott Walker, Los Alamos National Laboratory, to Bill Morris, ANSI N43 Committee Chair, for voting to approve for publication. N43 comments were received in March 2010 and are being addressed. A revised version is to be submitted to N43 by June 2010. See the ANSI N43 website at <http://hps.org/aboutthesociety/organization/committees/committee31.html>
- **HPS Science Support Committee Request.** In support of the teachers' awareness of health physics career opportunities program, a definition of "accelerator health physicist" was provided to Mike Lewandowski, HPS Science Support Committee Chair, to use in a set of tools being prepared for use by teachers. See <http://hpschapters.org/sections/accelerator/whatis.php>
- **Elections to the HPS Board of Directors.** In 2009, Scott Schwahn and Linnea Wahl were elected by the HPS members to serve as directors on the HPS board from 2010—2013. In 2010, the Accelerator Section nominated a section member as a candidate for HPS president-elect for the fall 2010 HPS elections.

Additional Comment/Concerns/Suggestions

The Accelerator Section would like to thank the HPS Board of Directors for moving up the deadline for announcing lecturer awards. This year, the awards were announced in March, which allowed the awardee to submit an abstract and start working on the hour-long presentation in a timely fashion.

Report prepared by Linnea Wahl, Mike Grissom, Marcia Torres, Mike Sandvig, Keith Heinzelman, Scott Walker, James Liu