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## **THIS IS THE LAST PAPER COPY OF THE NEW ENGLAND CHAPTER HPS NEWSLETTER.**

With regret, for those of you who receive the paper copy of the NECHPS Newsletter, this is the last issue you will receive via the US Postal Service. Beginning in 2015, the NECHPS will no longer honor requests from members who wish to receive the Newsletter in an edition printed on paper.

As a vast majority of the membership is demanding that Chapter communications be handled electronically, the NECHPS Executive Council voted to end the paper edition. The Executive Council wants to provide information to the membership about local meetings, CEC's, job postings, courses, etc. as quickly as possible using the best technology available, which currently is the NECHPS website and via email. The Executive Council also wants to move away from environmentally unfriendly methods of disseminating information to the membership, such as print media. Moving away from print media is especially important as most Chapter affairs are now being handled electronically, such as reports to the HPS, elections and reservations for Chapter meetings.

Be sure to send your current email address to the Membership Chair so that you never miss any future NECHP'S Newsletters.



## Save the Date: NECHPS Holiday Meeting, Tue. DEC 9, 2014

UMass Lowell Inn and Conference Center  
50 Warren St.  
Lowell, MA 01852



Cocktails: 5pm, Dinner: 6:30pm

### Menu:

- Fruit and Cheese platter before dinner
- Baby Greens Salad
- Grilled Chicken or Risotto & Ratatouille Stuffed Mushrooms
- Roasted Rosemary Potatoes
- Grilled Asparagus
- Dessert: Chef's Assorted Pastries

\$50 Members  
\$60 Non-Members  
\$20 Student

Register online at [www.nechps.org](http://www.nechps.org)  
or contact Haneef Sahabdeen at  
413-545-5131 or [hms@ehs.umass.edu](mailto:hms@ehs.umass.edu)  
**YOU MUST PRE-REGISTER AND  
CHOOSE AN ENTREE**

Come to meet friends. Come to see the latest vendor technology. Come for a chance to win great door prizes.

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## Monte Carlo "N" Particle 6.1 (MCNP) 2-Day Class

### Location:

UMass Lowell  
Pinanski Building Rm 200  
205 Riverside St.  
Lowell, MA 01854 [MAP](#)  
Parking is off of Sparks Street: [MAP](#)

**Sat. January 10 & Sat. January 17, 2015, 8am to 5pm**

**CLASS SIZE IS LIMITED TO 15 PARTICIPANTS!**

**Registration is by credit card ONLY.**

**To register, visit [www.nechps.org](http://www.nechps.org).**

Professional registration: \$300 - Student registration: \$200

### WHAT IS MCNP:

Monte-Carlo "N" Particle 6.1 (MCNP) is a collection of radiation transport codes written during the Manhattan project and updated throughout the years at the Los Alamos National Laboratory (LANL). MCNP can transport 37 particle types over a wide range of energies. LANL describes it as a "storehouse of nearly all the currently understood and tabulated physics knowledge."

This class will provide an introduction to creating basic MCNP models simulating photon, electron, and neutron interactions with matter. Multiple quantities of interest, such as dose rate or particle fluence, will be discussed and evaluated. Below is a condensed course syllabus:

- History of MCNP
- MCNP input requirements and parameters
- Visual Editor program (for visualization)
- MCNP radiation source examples
- MCNP statistical tests and passing requirements
- Physics options
- Data libraries
- Multithreading

Problems tailored to class participants

Class room will have computers to share with the MCNP code installed to practice coding . If you have a laptop with the code installed, you may bring it.

Expected to be approved for 16 ABHP CEC's .

## **DONATE TO THE NECHPS AS A IRS 509(a)(2) TAX EXEMPT PUBLIC CHARITY**

The New England Chapter of the Health Physics Society has received a letter from the Internal Revenue Service determining the NECHPS is exempt under IRC Section 501(c)(3). The IRS has classified the NECHPS as a public charity

Donors can deduct contributions they make to the NECHPS under IRC Section 170. The NECHPS is also qualified to receive tax deductible bequests, devises, transfers or gifts under IRC Sections 2055, 2106 or 2522.

The Executive Council will be working to determine if and how any and all membership contributions may be deducted for IRS tax purposes.

In the meantime, if you are thinking of making a bequest or charitable contribution to the NECHPS, please contact any officer. Help us continue the work of supporting students, awarding travel grants and other works to further the scientific and educational purposes to promote radiation safety.

## **DUES RAISED TO \$20 PER YEAR**

Due to increased costs of doing business to manage routine operations as well as special funding such as the annual visit by the President-Elect of the HPS, the Executive Council voted to raise dues for full and associate members to \$20 per year. Student and Affiliate dues will remain the same. At this time, the Executive Council is deliberating a By-Law change to eliminate the 5-year membership, which will require a vote of the membership at the Annual Business Meeting. The increase in dues is in line with the dues being paid by other local HPS chapters as well as local chapter for other professional organizations, such as the ANS.

Partially because the Chapter is trying to keep meeting costs as low as possible, there has been non "daily business" burdens on the Chapter's bank account, particularly from members who register for meetings and then do not attend. As the Executive Council looks remedy the registration-without-attendance issue, a dues increase is seen as necessary to stabilize the Chapter's finances.

## **EXECUTIVE COUNCIL LOOKS TO END "HARD COPY" DIRECTORY**

Every year before the Annual Meeting, the Chapter publishes the Membership Directory. The publishing of the Membership Directory is a major expense for the Chapter that is directly supported by member dues. A discussion was held at the meeting that centered around the validity of the information being provided by members for the Directory. A vote was to eliminate publishing the Membership Directory, barring any majority objection from the Members once this decision is published.

At issue is the lack of complete and/or current contact information (or sometimes legitimate contact information) being provided by members. The hard copy membership directory was specifically being published because members did not want contact information being electronically available.

At issue is the Chapter publishing hundreds of volumes of the Membership Directory every year to be either picked up by members at the Annual Symposium or to be mailed to members. However, without current addresses and other information not being provided by members, the Chapter is being stuck with a majority of the Membership Directories that end up going to recycling.

## **Kirner Speaks at Joint Meeting**

HPS President-Elect Nancy Kirner spoke at the Joint Meeting of the NECHPS and CT Chapter on September 24, 2014. Kirner talked about how she got into Health Physics on an AEC Fellowship and (at the time) a male-dominated field made for decent salaries for women. Her 10 things she learned in her years working in Health Physics began with "Listening to Others", then her 3 Rules of Health Physics (Calibrate! Calibrate! Calibrate!) along with other tidbits and finished with "Change is Constant".

## **\$500 Donated to Student Club**

The NECHPS donated \$500 to the UMass Lowell Student HPS Club. In a Thank You letter to the Chapter, Dr. Mark Tries stated the donation will be used by the Club to promote the field radiation safety among fellow students, continue their outreach activities and urge member to join the NECHPS.

**Return Address:****Steven G. Marsh, MS, DABMP**

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To:



New England Chapter  
of the  
Health Physics Society

NEWSLETTER  
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