New England Chapter of AAPM
http://chapter.aapm.org/NE/NE.html

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2011 NEAAPM Winter Meeting

Date: February 10th, 2011
Time: 12:00 – 5:05pm
Location: MIT Endicott House
80 Haven St.
Dedham, MA 02026

Dear AAPM Members,

Happy New Year! In my first note, as President, I wish all the best to you in the year to come, and I look forward to a splendid year ahead for the NE Chapter of the AAPM. One issue I would like to concentrate on this year is medical physics education. We plan to organize an educational forum sometime this spring where members of the chapter can gather to share thoughts and experiences with respect to the education of both residents and physicists. Please look forward to an announcement of this event. Joe Killoran, our President-Elect, has put together an outstanding program for our first meeting of the year focusing on image registration which will take place on February 10th at the MIT Endicott House. We have requested 4.0 CAMPEP credits for this meeting. More information about the meeting and the New England chapter can be found at: http://chapter.aapm.org/NE/. I look forward to seeing you in February!

Sincerely,

Fred

Frederic Fahey, DSc
President, NEAAPM
Director of Physics for Nuclear Medicine and Molecular Imaging
Children’s Hospital Boston
Associate Professor of Radiology
Harvard Medical School
New England Chapter of the AAPM  
2011 Winter Meeting Program  
Thursday, February 10th, 2011  
12:00 noon – 5:30pm

MIT Endicott House  
80 Haven St., Dedham, MA

12:00 PM  Registration & Lunch

12:55 PM  Welcome  
Frederic Fahey, DSc, NEAAPM President

1:00 PM  Image Registration in Nuclear Medicine Beyond Hybrid Imaging  
Frederic Fahey, DSc, Children’s Hospital Boston & NEAAPM President

1:48 PM  Deformable Image Registration using B-Splines  
Gregory Sharp, PhD, Massachusetts General Hospital, Boston

2:36 PM  Cumulative Dose Assessment and Adaptation using Deformable Image Registration  
Geoff Hugo, PhD, Virginia Commonwealth University

3:24 PM  Coffee Break

3:54 PM  Using Biomechanics in Deformable Image Registration  
Kristy Brock, PhD, Princess Margaret Hospital, Toronto

4:42 PM  Information Support for Image Guidance in Radiation Oncology  
James Balter, PhD, University of Michigan

5:30 PM  Adjournment
MIT Endicott House is located at 80 Haven Street, Dedham, Massachusetts, just 30 minutes from downtown Boston. To get to MIT Endicott House, follow the directions below:

**From Logan Airport**
Take the airport exit route to the Ted Williams Tunnel. Follow Massachusetts Turnpike/Rte. 1-90 signs. Take Massachusetts Turnpike-Points West to exit 15 Rte. 95/128 South. Take 95/128 South to exit 17 (Rte. 135) Turn right at the end of the exit ramp onto Common Street. Follow Common street for one mile. Turn right onto Haven Street. Our driveway is the second on the right. Enter through stone columns.

**From 95/128 Northbound and Southbound**
From Rte. 95/128, take exit 17 (Rte. 135) At the end of the exit ramp: If traveling North—take a left onto Common Street. Follow Common Street for one mile. Turn right onto Haven Street. Our driveway is the second on the right. Enter through stone columns. If traveling South—take a right onto Common Street. Follow Common Street for one mile. Turn right onto Haven Street. Our driveway is the second on the right. Enter through stone columns.
Our application for 4.0 CAMPEP CE credits for this meeting are in-process.

Objective: Educational forum to provide physicists and guests with data and discussion on topics of clinical, research, and professional interest. Each presentation will consist of a 45 minute oral presentation and a 3 minute question/answer session.

Intended Audience: Medical physicists working in radiation oncology, radiology or nuclear medicine as well as health physicists working in the medical environment.

Scientific Program Chair: Joseph Killoran, PhD jkilloran@lroc.harvard.edu
Registration: Carla D. Bradford, PhD Carla.Bradford@stvincenthospital.com
NEAAPM Secretary St. Vincent Hospital (508) 363-7100
http://chapter.aapm.org/NE/NE.html Radiation Oncology Dept.
123 Summer St.
Worcester, MA 01608

Registration Fees:
NEAAPM members: $30 Non-NEAAPM Members: $50
Post-Doc & Residents: $15 Students: $0

After attending this meeting, participants will:
1. understand the issues of image registration in Nuclear Medicine beyond hybrid imaging.
2. learn how deformable image registration uses B-splines and biomechanics, as well as how it can be adapted for cumulative dose assessment.
3. understand the particulars of information support for image guidance in Radiation Oncology.

To Register: Mail in form with payment or e-mail the Secretary and pay (cash or check) at the door
Please make checks payable to: New England Chapter, AAPM (or simply “NEAAPM”) Lunch and beverages are included with registration fee.

Mail-in Registration Form:

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[ ] Full Member: Full, Associate and Junior Member of the national AAPM
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[ ] Emeritus Member: Emeritus Member of the national AAPM
[ ] Student Member: Student or trainee in an accredited college, university, or training program

Dues: Full or Associate Member: $25	Emeritus or Student Member: Complimentary

No charge if you were a speaker at a NEAAPM meeting last year.

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