

**NCCAAPM 2008 Fall Meeting Agenda\***  
Medical College of Wisconsin, Milwaukee, WI  
Cancer Center, Conference Room M (3<sup>rd</sup> Floor)  
Friday, October 24, 2008

**7:30–8:00 am Registration and Continental Breakfast**

**8:00–8:10 am Welcome, Introductions and Announcements (10 min)**

Vendor Introduction and News

**8:10–9:50 am Morning Session (1 hr 40 min)**

Entrepreneurship in Medical Physics (40 min)

Bill Hendee, Ph.D.

3T vs 1.5T a Comparison from a Clinical Medical Physicist Perspective (20 min)

Randell Kruger, Ph.D.

A novel registration tool for large deformations for adaptive radiation therapy (20 min)

Andrew Godley, Ph.D.

Initial experience with commercial biologically-based treatment planning systems (20 min)

Vladimir Semenenko, Ph.D.

**9:50–10:20 am Coffee Break (Vendor display area – 30 min)**

**10:20–12:20 am Morning Session continued – (2 hrs)**

State licensure and other AAPM initiatives (40 min)

Maryellen Giger, Ph.D.

The Image Gently Alliance - the campaign to reduce pediatric dose in CT (40 min)

Russ Ritenour, Ph.D.

A hybrid on- and off-line correction strategy for adaptive radiation therapy (40 min)

Allen Li, Ph.D.

**12:20–12:50 pm Lunch Break (30 min)**

**12:50–1:20 pm NCCAAPM Business Meeting (30 min)**

**1:20–2:05 pm Young Investigator Presentations (45 min., 15 min per talk)**

Characterization of TLD Reader Photomultiplier Tube Non-linearity

Laura Bartol

Determination of the Energy Correction Factor For TLD-100 in Beam quality Q referenced to Cobalt

Stephanie Junell

Dosimetric comparisons of HDR Ir-192 and electronic brachytherapy intracavitary APBI

Julie Raffi

**2:05–2:35 pm Coffee Break (Vendor display area - 30 min)**

**2:35–4:15 pm Student Awards and Final Presentations (1 hr. 40 min., 20 min per talk)**

Custom Eye Plaque for Treatment of Iris Melanoma: Case Review

Nataliya Kovalchuk, Ph.D.

Partial breast brachytherapy using the savi device.

Rebecca Kitchen M.S

Breathing-Motion Induced Tomotherapy Dose Delivery Errors in the Presence of Beam Modulation

Summer Chaudhari, Ph.D.

3D Tumor Motion Tracking using MV Cone-Beam Acquisition with Synchronized Respiratory Monitoring

Jim Christensen, Ph.D.

Interfraction anatomic and dosimetric variations in prostate radiotherapy

Cheng Peng, Ph.D.

**4:15 pm Meeting Conclusion**

**4:30 pm Froedtert Hospital Radiation Oncology Department Tour (optional)**

\*CAMPEP and MDCB (MDCB 6 credits) Credits have been applied for.

Pre-Registration: Email Bob Dahl to register for this event at: [radahl@mayo.edu](mailto:radahl@mayo.edu)

**Registration Fees: \$10.00 early registration (by October 17); \$15.00 late and on-site registration (after October 17)**

All registrations payable at the meeting site; please register early to help planning.

Directions, parking and hotels see website: <http://chapter.aapm.org/nccaapm>