

**NCCAAPM 2007 Spring Meeting Agenda**  
**Fairview Ridges Education Center – 152 Cobble Stone Lane, Burnsville MN**  
**Friday, May 4, 2007**

**NCC Spring Symposium 2007\***

- 7:45-8:10 am    **Registration and Continental Breakfast**
- 8:10-8:15 am    **Welcome, Introductions and Announcements**
- 8:15-9:45 am    **Morning Session (30 min)**  
Moderated Vendor Products and Announcements - Walter Tang (Moderator)  
Raj Varadhan, MS - Adaptive Radiotherapy  
Jie Zhang, PhD - Transient Radiation Effects on Pacemaker Function from CT Scans.
- 9:45-10:15 am    **Coffee Break (Vendor display area)**
- 10:15-11:45 am    **Morning Session continued - (45 min)**  
Yildirim Mutaft, PhD - Optimization of internal margin to account for intrafractional motion.  
Bruce Thomadsen, PhD - Update on TG #100 - QA in Radiation Therapy  
Bruce Thomadsen, PhD and Mark Towsley, M.S.- Point/Counterpoint on TG #100 and TG #40 - QA in Radiation Therapy  
Morning Follow-up Questions/Answers
- 11:45-12:30 pm    **Lunch Break**
- 12:30-1:30 pm    **NCC AAPM Business Meeting / Short break time permitting**
- 1:30-2:15 pm    **Young Investigator Presentations Part 1 (12-15 minutes)**  
Jessica Fagerstrom (LDeWerd) - DVS MOSFET dosimeter response to kilovoltage radiation.  
Brian Rasmussen (LDeWerd) - Response of LiF:Mg,Ti TLDs to LDR brachytherapy sources relative to Co-60.  
Jacqueline Usher (LDeWerd) - Calculating the Air-Kerma Strength and Dose-Rate Constant of I-125 and Pd-103 Low Dose Rate Brachytherapy Sources Using Spectra Measured With a High Purity Germanium Spectrometer.
- 2:15-2:40 pm    **Coffee Break (Vendor display area)**
- 2:40-3:20 pm    **Young Investigator Presentations Part 2 (12-15 minutes)**  
Adam Schoen (BGerbi) - Dose verification at the surface of air cavities during radiation therapy using the TomoTherapy Hi-Art system.  
Ryan Chamberlain (MGarwood)- RASER; An new ultra-Fast Mag Res Imaging Method  
Chris Overbeck (SHui) - Image Quality Enhancement in MVCT Scanning  
Mark Geurts (BThomadsen) - PET quantification of non-pure positron emitting radioisotopes: 90Y case study.  
Follow-up Questions/Answers for Students
- 3:40 pm    **Student Awards**
- 3:45-4:15 pm    **Final Presentation (30 min)**  
Eun Young Han, PhD - Evaluation of surface and superficial dose for head and neck treatments using conventional or intensity-modulated techniques.  
Follow-up Questions/Answers
- 4:15 pm    **Meeting Conclusion**

**\* Approved for 5 CAMPEP and 6 MDCB Credits.**

Pre-Registration:    Email Parham Alaei to register for this event at: [alaei001@umn.edu](mailto:alaei001@umn.edu)  
Other Contacts:    [mtowsley@mropa.com](mailto:mtowsley@mropa.com) or [wltang\\_mrhc@yahoo.com](mailto:wltang_mrhc@yahoo.com)

Registration Fees:    **\$10.00 US pre-register by April 27; \$15.00 US on-site**  
Pre-registrations can be paid at the meeting site; please register early to help planning.

Directions:    See website: <http://chapter.aapm.org/nccaapm/2007SpringMeeting.html>  
Parking info:    Free parking; Surface parking lot on-site

Hotels:    See website: <http://chapter.aapm.org/nccaapm/2007SpringMeeting.html>