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 Mutaf, 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
Other Contacts:  mtowsley@mropa.com or wltang_mrpc@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