NCCAAPM 2013 Fall Meeting Agenda
The Hilton Garden Inn
1801 Deming Way, 53562 Middleton
Friday, October 11, 2013

7:30 am–8:00 am  Registration and Continental Breakfast
8:00 am–8:10 am  Welcome, Introductions and Announcements (10 min)
8:10 am–9:40 am  Morning Session 1 (90 min)
   Randell Kruger  A Summary of the Effective Dose Assessment for Participants in the National Lung Screening Trial (NLST) Receiving Posterior-Anterior (PA) Chest X-ray and Low-Dose Computed Tomography (CT) Examinations (30’)
   Edward Bender  Increasing Dose Gradient and Uniformity in Small Fields Using Modulation: Theory and Prototypes for Cone-Based Stereotactic Radiosurgery (30’)
   Yue Yan  Comparison Study of Intensity Modulated Radiotherapy Using Conventional and unflattened photon beams based on Specific Clinical Cases (30’)
9:40 am–10:10 am  Coffee Break (30 min)
10:10 am–12:00 pm  Morning Session 2 (110 min)
   Larry DeWerd  Calibration of AAPM ADCLs is more than a number (55’)
   John Bayouth  Why and how to enable quantitative imaging in medicine (55’)
12:00 pm–12:45 pm  Lunch Break (45 min)
12:45 pm–1:30 pm  NCCAAPM Business Meeting (45 min)
1:30 pm–3:00 pm  Young Investigator Presentations (90 min)
   Martha Malin  Towards a Spectroscopic Determination of Dose To Water for Low-Energy Brachytherapy Sources
   Feng Liu  Online Adaptive Radiotherapy for Lung Cancer of Multi-targets
   Maasa Hosotani  Effects on Setup Errors: Using PreciseBite for Head and Neck Patients
   Phil Prior  The Research Analysis Platform and IGRT Database (RAPID) software tool for the analysis of three dimensional conformal radiation therapy for node positive breast cancer
   Victor Chen  Online Adaptive Replanning for Sequential Boost after Whole Breast Irradiation
   Entesar Dalah  Impact of partial volume effect for using PET to define metabolically active tumor volume for pancreatic cancer
3:00 pm–3:30 pm  Coffee Break (30 min)
3:30 pm–4:40 pm  Final Afternoon Session (70 min)
   John Wochos  SBRT Position monitoring with ExacTrac following CBCT (20’)
   Michael Grams  Clinical Implementation of Gafchromic Film: Trials, Tribulations, and Triumphs (20’)
   Jennifer Smilowitz  AAPM MEDICAL PHYSICS PRACTICE GUIDELINE # 5: Commissioning and QA of External Beam Treatment Planning System Dose Calculations (30’)
4:40 pm  Meeting Conclusion and Student Awards

CAMPEP (9.36 hours including 3.36 hours from the special topic meeting on 10/10/2013) and MDCB (4.0 hours all from 10/11/2013) credits have been approved.

Pre-Registration: Email William Geisler to register for this event at: geisler.william@marshfieldclinic.org and specify you’re attending the half-day special topic meeting (10/10/2013), or the NCCAAPM fall meeting (10/11/2013), or both. All registrations payable at the meeting site by cash or check and include breakfast & lunch for the 11th and snacks for both days; please register early to help planning.

Registration Fees:
   • 10/10/2013, half-day meeting: $10.00 early registration (by 9/30/2013); $20.00 late and on-site registration (after 9/30/2013).
   • 10/11/2013, NCCAAPM Fall meeting: $20.00 early registration (by 9/30/2013); $30.00 late and on-site registration (after 9/30/2013).
   • If you desire CAMPEP credits there is an $8 additional charge.
   • There is no fee for student registration, but please RSVP.

Directions, parking and hotels; see website: http://chapter.aapm.org/nccapm