

**NCCAAPM 2009 Fall Meeting Agenda\***  
**CONTINUING EDUCATION AND CONFERENCE CENTER**  
**UNIVERSITY OF MINNESOTA - ST. PAUL CAMPUS**  
**1890 BUFORD AVENUE, ST. PAUL, MN**  
**Friday, October 23, 2009**

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

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

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

Calculation errors in Pinnacle and Radcalc for off-axis wedge fields (20 min)	David Loshek, Ph.D.
Image-guided radiation therapy: Benefits and limitations (40 min)	Faiz Khan, Ph.D., FAAPM
Inclusion of kilovoltage cone beam CT dose in the treatment plan (20 min)	Parham Alaei, Ph.D.
Selective internal radiation treatment using Yttrium 90 microsphere (20 min)	Corrine Dallas, M.S.

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

**10:20–11:40 am Morning Professional Session (1hr 40 min)**

Recent Data on Clinical Trials QA from the RPC (10 min)	Geoff Ibbott, Ph.D., FAAPM
ABR Certification in Medical Physics: A new Era (30 min)	Geoff Ibbott, Ph.D., FAAPM
Proposed changes to the WI HS 157 regulations (20 min)	Randell Kruger, Ph.D.
Discussion (20 min)	

**11:45–12:30 pm Lunch Break (30 min), free lunch**

**12:30–1:15 pm NCCAAPM Business Meeting (45 min)**

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

Development and Application of DVH with position index - DVHp	Zekun Deng
Determination of the air-kerma strength for the Flexisource: a new Ir-192 high dose rate source	Cal Schmidt
Calibration of CT ionization chambers	Rown Parola
Investigating the synergistic effects of combining radiation and Beta-Lapachone against tumors	Regina Kennedy
Polymer gel R2 reponse as a function of photon energy for moderately filtered x-ray spectra in the range of 50 to 250 kVp relative to Co-60	Jessica Snow

**2:45–3:15 pm Coffee Break (Vendor display area - 30 min)**

**3:15–4:40 pm Afternoon Scientific Session (1 hr. 40 min)**

Influence of skeletal damage on <sup>45</sup> Ca pharmacokinetics and response to zoledronic acid (20 min)	Susanta Hui, Ph.D.
Dosimetric measurements on a family of electronic brachytherapy skin applicators (20 min)	Tom Rusch, Ph.D.
Device for monitoring the size of the Luminal cavity encompassed by the LAGB (20 min)	Tom O'Dea, Ph.D.
Review of advanced 3D QA techniques using Delta (20 min)	Matt Douglas

**Meeting Conclusion**

\*CAMPEP and MDCB (MDCB-109-995 7 credits) Credits have been applied for.

**Registration Fees: \$15.00 late and on-site registration**

*All registrations payable at the meeting site.*

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