

NCCAAPM 2008 Spring Meeting Agenda *

Mayo Clinic, Rochester, Minnesota

Friday, April 25, 2008

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

8:00–8:15 am Welcome, Introductions and Announcements (15 min)

Vendor Introduction and News

8:15–9:45 am Morning Session (1 hr 30 min)

Beth Schueler-The new MN Dept of Health rule on fluoro event (6000 mGy) reporting (30 min.)

Lois Rutz- The neonatal phantom for CR and DR quality control (20 min.)

Alisa Walz-Flannigan-Variability in CAD findings for digital mammography (20 min.)

Stan Reed-How the State of Wisconsin is ruling how sales tax applies to Medical Physics Consulting (20 min.)

9:45–10:15 am Coffee Break (Vendor display area – 30 min)

10:15–11:40 am Morning Session continued – (1 hr 25 min)

Tewfik Bichay-TomoTherapy for Cranial Radiosurgery: The Saint Mary Experience (30 min.)

Christian Eusemann -Dual-Energy CT - How to best blend both energies in one fused image? (15 min.)

Kathryn Kolsky-Development of a novel scanning photon pencil beam for temporally precise IMRT (20 min.)

Mike Jarrett-The DVH comparison of Tomotherapy vs. Cyberknife vs. conventional IMRT for the treatment of prostate cancer (20 min.)

11:40–12:25 pm Lunch Break (45 min)

12:25–1:25 pm NCCAAPM Business Meeting (1 hour)

1:25–2:55 pm Young Investigator Presentations (1 hr. 30 min.)

Eric Ehler-Development of four dimensional treatment planning tools and methods (15 min.)

Jessica Fagerstrom-Implantable MOSFET dosimeter response to Ir-192 HDR radiation (15 min.)

Juan Carlos Ramirez Giraldo- Reduction of spectral overlap via modified filtration of the x-ray beams to enhance material differentiation in dual-energy CT (15 min.)

Lindsay Jones-Spectrometric determination of voltage applied to x-ray tubes (15 min.)

Ahmad Al-Khatib- Local enhancement of radiation dose by using High atomic number materials with high energy photon beam (15 min.)

Adam Uselmann-Effective dose to non-target organs from radiotherapy (15 min.)

2:55–3:25 pm Coffee Break (Vendor display area - 30 min)

3:25–4:40 pm Student Awards and Final Presentations (1 hr. 15 min.)

Rebecca Kitchen-Experience with a new breast HDR applicator: SAVI (20 min.)

Bruce Thomadsen-Population Exposures in Medicine: 2006 compared to 1980 (20 min.)

Luis Fong-Comprehensive Evaluation of Radiation Oncology Information Systems (30 min.)

4:40 pm Meeting Conclusion

*CAMPEP and MDCB Credits have been applied for.

Pre-Registration: Email Parham Alaei to register for this event at: alaei001@umn.edu

Registration Fees: \$10.00 early registration (by April 18); \$15.00 late and on-site registration (after April 18)

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

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