

NCCAAPM 2009 Spring Meeting Agenda *
Best Western Trail Lodge Hotel & Suites, Eau Claire, WI
Friday, April 24, 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)

The Need for Standards: ADCLs in Medical Dosimetry (40 min)	Larry DeWerd, Ph.D.
Tomotherapy Patient QA using IBA Matrix - the Marshfield experience (20 min)	Tripathi, Sugata, Ph.D.
SBRT of Lung & Liver lesions using Novalis IGRT System (20 min)	Pat Silgen, M.S.
Impact of Dose Prescription on Treatment Volume (20 min)	Summer Chaudhari, Ph.D.

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

10:20–12:00 am Morning Professional Session (1hr 40 min)

Medical Physicists are Scientists, Clinicians and Educators; Professionals Leveraging Complex Technology to Improve the Human Condition (40 min)	Mike Herman, Ph.D.
Medical physics residency program (40 min)	Bruce Gerbi, Ph.D.
The status of the CARE legislation and other issues pending in Congress (20 min)	Jeff Masten, JD, M.S.

12:00–12:30 pm Lunch Break (30 min), free lunch

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

1:15–2:30 pm Young Investigator Presentations (1 hr 15 min., 15 min per talk)

A 50-month Summary of the Lead Apron Quality Control Program for a Large Hospital (500+ bed) and Multi-Specialty Clinic	Nicole Bloms, RT
Measurement of the synergistic effects of combining clinically relevant radiation with the anti-cancer agent beta-lapachone	Troy Dos-Santos
Quantifying the effects of air pocket formation on the surface of MammoSite implants	Andy Ellis
Experimental and theoretical verification of dosimetric parameters for a new brachytherapy seed	Regina Kennedy
Metal Artifact Suppression with Dual-front Active Contours in Multi-slice Helical CT	Hua Li, Ph.D.

2:30–3:00 pm Coffee Break (Vendor display area - 30 min)

3:00–4:40 pm Afternoon Scientific Session (1 hr. 40 min)

Physics role in development and implementation of EMR for a Radiation Oncology Department (40 min)	Jeni Smilowitz, Ph.D.
Calypso 4D Localization System and Prostate Motion Management (20 min)	Wes Culberson, Ph.D.
A prostate IMRT technique resulting in improved rectal DVHs (20 min)	Jane Johnson, M.S.
Hybrid denoising filter pipeline for mixed noise images (20 min)	Oleksandr Dzyubak, Ph.D.

4:40 pm Meeting Conclusion

*CAMPEP and MDCB (MDCB-109-250 6.5 credits) Credits have been applied for.

Pre-Registration: Email Bob Dahl to register for this event at: radahl@mayo.edu

Registration Fees: \$10.00 early registration (by April 17); \$15.00 late and on-site registration (after April 17)

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

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