

# NCCAAPM 2010 Spring Meeting Agenda\*

EDGEWATER HOTEL

MADISON, WI

Friday, April 23, 2010

**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)**

8:10 IGRT related items, John Wochos, M.S. (20min)

8:30 Adapting to changes in our practice and profession, Bhudatt Paliwal, Ph.D. (40min)

9:10 GPU-Accelerated auto-segmentation for adaptive radiotherapy, Andrew Godley, Ph.D. (20min)

9:30 Status of Security Requirements, Cheryl Rogers, WI DHS (20min)

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

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

10:20 Adventures of a Medical Physics Consultant, Mel Siedband, Ph.D., PE (20min)

10:50 Medical Device Management: A new paradigm for QA, Sean Frigo, Ph.D. (20min)

11:10 John Cameron: A UW History of Medical Physics, Larry DeWerd, Ph.D. (40min)

**11:55–12:30 pm Lunch Break (35 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)**

1:15 Non-uniform dose distributions in whole brain radiotherapy, Ed Bender, M.S. (15min)

1:30 A novel, low cost, liquid ultrasound test object for transducer artifact assessment, Dierdre King, Ph.D. (15min)

1:45 Exit dose for intracavitary APBI with an electronic brachytherapy source, Julie Raffi, M.S. (15min)

2:00 Investigation of the TL efficiency of low energy x-rays relative to Co-60 for TLD-100, Quing Liang, M.S. (15min)

2:15 Dosimetric characterization of surface applicators for use with the Xofig Ebx source, Regina Kennedy, M.S. (15min)

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

**3:00–4:00 pm Afternoon Scientific Session (1 hr)**

3:00 An online correction strategy with 6-degree of freedom for interfraction variations utilizing a standard couch, Doug Prah, Ph.D. (20min)

3:20 Calibration of Gamma Knife, Sheridan Meltsner, Ph.D. (20min)

3:40 Brachy Mesh treatment for lung cancer, Cindy Thomason, Ph.D. (20min)

**Meeting Conclusion**