North Central Chapter of the AAPM
2017 Spring Meeting
Friday, April 07, 2017
Glacier Canyon Lodge, Wisconsin Dells, WI

Agenda

7:30 AM - Registration and Coffee

8:15 AM - Welcome and Introductions

8:30 AM - Morning Session 1

8:30 AM  Update on the AAPM
  Melissa Martin, MS, AAPM President

9:30 AM  AAPM Governance and TG281
  John Bayouth, PhD, University of Wisconsin - Madison

10:00 AM - Coffee Break

10:45 AM - Morning Session 2

10:45 AM  Accuray Radixact at the University of Wisconsin
  Jeni Smilowitz, PhD, University of Wisconsin - Madison

11:05 AM  Elekta MR linac installation at the Medical College of Wisconsin
  Eric Paulson, PhD, Medical College of Wisconsin

11:25 AM  Mathematical models of tumor growth and radiation response
  Yoichi Watanabe, PhD, University of Minnesota

11:45 AM  Real-time monitoring of linac performance using RT plans and logfiles
  Mark Weismeyer, PhD, Standard Imaging

12:05 PM  Implementing a Clinical Practice Guideline: Lessons from an Early Adopter of MPPG 5.a
  Dustin Jacqmin, PhD, University of Wisconsin - Madison

12:30 PM - Lunch

1:00 PM - Business Mtg

1:45 PM - Young Investigator Symposium

1:45 PM  Characterization of Cherenkov radiation produced during radiation therapy: improving the uncertainty relationship between light and dose
  Eric Brost, MS, University of Minnesota
2:00 PM  Extrapolation chamber measurements of beta-emitting ophthalmic sources  
Jon Hansen, MS, University of Wisconsin - Madison

2:15 PM  Metal Artifacts Reduction and Dose Efficiency Improvement by Photon Counting Detector CT with Additional Tin Filtration  
Wei Zhou, PhD, Mayo Clinic

2:30 PM  Applying FID navigators to high field MRS in the body  
Ryan Kalmoe, BA, University of Minnesota

2:45 PM - Coffee Break

3:15 PM - Afternoon Session 2

3:15 PM  The CARS’ Knowledge Based Learning System - what it is, how it works and what can it do for the RO community  
Frank Rath, PhD, University of Wisconsin - Madison

3:35 PM  What to do When your Radiation Oncology EMR Crashes  
John Wochos, MS, Gunderson Lutheran Medical Center

4:00 PM - Awards and Adjorn