AAPM MIDWEST CHAPTER SPRING MEETING
Saturday, April 18, 2009
Midwest Regional Cancer Center
2520 Elisha Avenue, Zion, IL 60099

Schedule of Events

9:00  Registration and Coffee
9:25  Welcome and Announcements, Yuri Ellis, MS

Young Investigator's Symposium - Moderator: Chet Reft, PhD, Univ. of Chicago

9:30  Gradient Cumulative Index: A Method of Dose Gradient Evaluation in Radiosurgical Dosimetry, Robert Laureckas, MS, Rosalind Franklin University, North Chicago, IL
9:45  Development of a Gated Frameless Stereotactic Radiosurgery/Radiotherapy System with Real-Time 3D Position Monitoring and Adaptive Head Motion Compensation, Zhifei Wen, University of Chicago
10:00 An evaluation of the sensitivity of using an ultrasound fusion method for verification of Mammosite Balloon Fill Volume, Stephanie Haddad, Rosalind Franklin University, North Chicago, IL
10:15 An efficient computational research tool: Histogram Analysis in Radiation Therapy (HART), Anil Pyakuryal, Northwestern Memorial Hospital, Chicago, IL and the University of Illinois at Chicago, Chicago, IL

Open Talk - Moderator: Vythialinga Sathiaseelan, PhD

10:30 Acceptance testing the new O-arm imaging system, G. Prasad, PhD
10:50 Passing of Professor Skaggs announcement, Chet Reft, PhD
10:55 Passing of Dr. Arnold Feldman announcement, Allen Hrejsa, PhD

11:00 Coffee Break

Invited Speaker - Moderator: Alex Markovic, PhD

11:30 Radiosurgery Using the Gamma Knife Perfexion, Gregg DeVanna, MS

12:20 Business meeting, Vythialinga Sathiaseelan, PhD, President
1:00 Lunch and tour of facilities

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AAPM Midwest chapter board meeting