American Association of Physicists in Medicine
Midwest Chapter

AAPM MIDWEST CHAPTER SPRING MEETING
Saturday, April 19, 2008

Alexian Brothers Medical Center
800 W. Biesterfield Road, Elk Grove Village, IL 60007

Schedule of Events

8:00 Registration and Coffee
8:25 Welcome and Announcements, Judy A. Koptik/Pluto C. Lee, PhD

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

8:30 IMRT QA Comparison using MapCheck and Portal Dosimetry, Eric Lucas, John Fan, Rosalind Franklin University of Medicine and Science, Edward Hospital
8:45 Harmony Search Optimization for HDR Prostate Brachytherapy, Adit Panchal, Rosalind Franklin University of Medicine and Science
9:00 Dose delivery evaluations caused by breathing motion in Tomotherapy IMRT delivery, Summer Chaudhari, Rosalind Franklin University of Medicine and Science
9:15 Region of Interest Imaging in CBCT for Radiation Therapy, Erik Pearson, University of Chicago
9:30 Comparison of RUIDO and IPSA, Yixiang Liao, Rush University

Open Talks - Moderator: Vythialinga Sathiaseelan , PhD

10:00 15 years of MQSA, what works what doesn’t, Jerry Soen, Advocate Christ Hospital
10:20 Similarities and differences in full field digital mammography (ffdm) unit acceptance procedures from three different manufacturers, Guru Prasad, Evanston Northwestern Healthcare
10:40 Gamma Knife, Past, Present and Future, Jagan Venkatesan, Alexian Brothers Cancer Center

11:00 Coffee Break

Invited Speakers - Moderator: Alex Markovic, PhD


12:00 The Good, the Bad and The Ugly - A Regulatory Update, Lynne A. Fairobent, AAPM

1:00 Business meeting, Vythialinga Sathiaseelan, PhD, President
1:15 Lunch and tour of facilities
2:45 AAPM Midwest chapter board meeting