



**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/Plato 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 Sathiaselan, 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

11:20 *Proton Radiotherapy: Basics & Controversies*, Eric Klein, Washington University
12:00 *The Good, the Bad and The Ugly - A Regulatory Update*, Lynne A. Fairbrent, AAPM

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