AAPM MIDWEST CHAPTER SPRING MEETING  
Saturday April 26, 2014  
The Westin Lombard / Yorktown Center  
70 Yorktown Shopping Center, Lombard, IL 60148

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| 7:30  | **Registration and Coffee**  
Open registration outside of Lilac Room D |
| 8:00  | **Welcome and Announcements**  
Mark Pankuch, PhD |

**Young Investigator’s Symposium**

**Moderator: Chet Reft, PhD**

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| 8:10  | Markerless motion tracking of lung tumors using dual-energy fluoroscopy  
Rakesh Patel, PhD, Loyola University Medical Center |
| 8:30  | BrainLab Commissioning of an Elekta Axesse and Validation of Small-Field Relative Output Factors  
Daniel Cutright, PhD, Northwestern Memorial Hospital |
| 8:50  | Experience of clinical implementation of OSLDs for routine in vivo dosimetry  
Ian Bacchus, PhD, Northwestern Memorial Hospital |
| 9:10  | An Investigation of the Dynamic Response of a Novel Acousto-Optic Liquid Crystal Detector for Full-Field Transmission Ultrasound Breast Imaging  
Jonathan Rosenfield, University of Chicago |
| 9:30  | 2D Collision Detection for IGRT  
Laura Padilla, University of Chicago |
| 9:50  | A Hybrid T2-Diffusion Weighted MR Imaging Approach for Prostate Cancer  
Meredith Sadinski  
University of Chicago |
| 10:10 | Coffee Break / Vendor Viewing  

11:00  **Business Meeting**  
John Roeske, PhD – President

11:30  **Update on the current status of CAMPEP**  
Chester Reft, PhD, University of Chicago

**History Session**  
**Moderator: John C. Roeske, PhD**

11:45  **Consultations in Radiation Shielding: A 40 Year (1974-2014) Retrospective**  
Glenn Glasgow, PhD

12:45  **Closing Comments**  
John Roeske, PhD

1:00  **Lunch at Harry Cary’s**

2:30  **Board meeting**

***** An application for CAMPEP credits has been submitted.

***** This event is sponsored by vendors of the products we use in our clinics every day. Special thanks to all of our vendors who have offered financial assistance to allow this meeting to be held.