



**RAMPS**  
**Radiological and Medical Physics Society of New York, Inc.**  
Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10065  
(212) 639 - 5855

## **MEETING ANNOUNCEMENT**

# **SAL VACIRCA YOUNG INVESTIGATORS SYMPOSIUM**

Hoffman Auditorium (C-186), Memorial Sloan-Kettering Cancer Center, 1275 York Ave,  
New York, NY

Tuesday, March 22, 2011  
Coffee and Cookies at 6:00 PM  
Presentation Commences at 6:30 PM

### **SPEAKERS:**

1. **Joseph McNamara, Ph.D.– MSKCC**  
**Proof-of-principle investigation of computer-controlled couch adjustments for correcting drift in target position during radiotherapy**
2. **Fenghong Liu, Ph.D.– MSKCC**  
**Evaluation of deformable image registration and patient-specific motion model in CT images with limited feature visibility**
3. **Grace Tang, Ph.D.– MSKCC**  
**2.5 MV cone-beam computed tomography with thick CsI flat panel detector**
4. **Sean L Berry, MS– Columbia University**  
**EPID Based Transit Dosimetry for In-Vivo Patient Treatment Verification**
5. **Rachel M. Bartlett, Ph.D.– MSKCC**  
**Evaluating changes in tumor uptake of [18F]-FLT in patients with diffuse large cell lymphoma pre and post chemotherapy**
6. **Ping Yan, Ph.D.– Columbia University**  
**Relation of External Surface to Diaphragm Motion Based on Automatic Analysis of Ultrasound Images**

**Educational Objectives:** Attendees will learn about the following topics in clinical medical physics:

1. Computer-controlled couch adjustments for correcting drift in target position during radiotherapy.
2. Deformable image registration and patient-specific motion model in CT images with limited feature visibility.
3. Cone-beam computed tomography with thick CsI flat panel detector for 2.5 MV x-ray source.
4. EPID transient dosimetry.
5. Changes of of [18F]-FLT in patients with diffuse large cell lymphoma pre and post chemotherapy.
6. Relation of External Surface to Diaphragm Motion using Ultrasound Images.

RAMPS Board Meeting: 5-6PM, MSKCC: S-1132 (Schwartz Building) -- All members are welcome to attend.

Dinner at nearby restaurant @ 8:30PM, \$20 for everyone, free for the speakers.

Note: CAMPEP credits will be awarded to participants.



### By Subway

Take the #6 train to East 68th Street. Walk four blocks east to First Avenue, or take the M66 bus eastbound to First Avenue.

### By Bus

- Take the M31 to the East 67th Street stop, directly in front of Memorial Hospital. (The M31 operates north and south on York Avenue, and across town on 57th Street.)
- Take M15 north bound to First Avenue and 67 Street stop.
- Take M15 south bound to Second Avenue and 68 Street. Walk one block east to First Avenue.

### By Car

- Approaching from South of East 68th Street, take the FDR Drive northbound to the 61st Street exit. Make right onto York Avenue and go north to 68th Street.
- Approaching from North of East 68th Street, take the FDR Drive southbound to the 71st Street exit. Make left onto York Avenue and go south to 68th Street.