

# **RAMPS INC.**

## ***Radiological and Medical Physics Society of New York***

MEMORIAL HOSPITAL, DEPARTMENT OF MEDICAL PHYSICS, 1275 YORK AVE., NEW YORK, NY, 10021, (212) 639-7353

### **MEETING ANNOUNCEMENT -- SPRING SYMPOSIUM**

#### **60<sup>th</sup> Anniversary Celebration Past, Present and Future of Medical Physics**

**Memorial Sloan-Kettering Cancer Center  
1275 York Ave, New York, NY,  
Hoffman Auditorium  
Saturday, April 25, 2009**

**Symposium 1:00-6:00P.M., \$40 (if you register by April 15; late registration \$50)**

To pre-register please call or email  
**Maureen McDonnell 212-639-8300**  
[mcdonnem@mskcc.org](mailto:mcdonnem@mskcc.org)

#### **SPEAKERS:**

- 1. Colin Orton, Ph.D. – The Good Old Days: Reminiscences and Reflections**
- 2. Robert Schulz, Ph.D – Evolution of Medical Physics**
- 3. Lawrence Rothenberg, Ph.D. -- The History of RAMPS**
- 4. Shirley Vickers, Ph.D. – The History of RAPHEX**

#### **Panel Discussion: Past Present and Future of Medical Physics**

- 5. George Chen, Ph.D. – Hadron Therapy in the 21<sup>st</sup> Century**
- 6. Pat Zanzonico, Ph.D. – Molecular Imaging in 21<sup>st</sup> Century: Innovations in Nuclear Medicine Instrumentation**
- 7. Gary Barnes, Ph.D. – Diagnostic Radiographic Image Quality: Recent Advances and Future Possibilities**

Attendees will receive 4.5 hr CAMPEP credit

Attendees will learn about:

- (1) the pioneers of medical physics and their achievements.
- (2) How the RAPHEX questions are designed and how these questions can help junior physicists learn.
- (3) Hadron therapy and how it will impact radiation therapy in 21<sup>st</sup> century.
- (4) Modern Nuclear Medicine Imaging Instruments, including multi-modality devices such as PET-CT, SPECT-CT, and PET-MRI scanners, and current and future molecular imaging paradigms such as parametric mapping and image-guided tissue sampling.

# **RAMPS INC.**

## ***Radiological and Medical Physics Society of New York***

MEMORIAL HOSPITAL, DEPARTMENT OF MEDICAL PHYSICS, 1275 YORK AVE., NEW YORK, NY, 10021, (212) 639-7353

(5) Differences between the screen-film-processing and digital image acquisition paradigms; differences in 2D image quality between the 2 paradigms and advantages of digital; the potential clinical advantages of digital tomosynthesis; the effect of scatter on image quality; methods of scatter control and their limitations; clinical areas where improvement in scatter control is possible; possible improvements in image quality, and mobile radiography with improved scatter control.

### **Cocktails followed by Dinner, starting at 6:30 P.M.**

**Theodora Griffis Faculty Club  
New York-Presbyterian Hospital  
The University Hospitals of Columbia and Cornell  
521 East 68<sup>th</sup> Street, Manhattan**

**Dinner Registration: \$50, members; \$80 non-members (if you register by April 15<sup>th</sup>)  
Late registration: \$80 member; \$100 non-member**

**To pre-register please call or email  
Maureen McDonnell 212-639-8300  
[mcdonnem@mskcc.org](mailto:mcdonnem@mskcc.org)**

# RAMPS INC.

## Radiological and Medical Physics Society of New York

MEMORIAL HOSPITAL, DEPARTMENT OF MEDICAL PHYSICS, 1275 YORK AVE., NEW YORK, NY, 10021, (212) 639-7353

