



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

The Radiological and Medical Physics Society of New York (RAMPS) sponsor the

2011 SPRING SYMPOSIUM

**Novel Radiation Detectors and their applications
in dosimetry, imaging and health physics**

8:30 A.M.- 1:30 P.M Saturday April 30, 2011
Hoffmann Auditorium, Memorial Sloan-Kettering Cancer Center
1275 York Ave, New York, NY

Before April 23rd: RAMPS/GNYCHPS Members: \$50, Non-Members: \$60. **After April 23rd:** Members: \$60, Non-Members: \$70. No charge for students, fellows, and residents (letter from advisor attesting status or student ID required). Register by phone: 212-639-8300 or by email: rampsnyc@gmail.com.

Objective: **The speakers will review the technology of state-of-the-art radiation detectors and how they are being used in dosimetry, imaging and health physics applications.**

8:00-8:30 **Registration**

8:30-8:40 **Introduction**

Jenghwa Chang, Ph.D., President of RAMPS, NYP/Cornell University, New York, NY

8:40-9:20 **In-Vivo Scintillation Dosimetry using PSDs.**

Sam Beddar, Ph.D., MD Anderson Cancer Center, Houston, TX

9:20-10:00 **MOSFET dosimetry in Radiotherapy – current state and new developments.**

Joanna Cygler, Ph.D., Ottawa Hospital Cancer Center, Ottawa, Ontario, CANADA

10:00-10:40 **3-D Dosimetry by Optical CT scanning of Gel and Radiochromic Solid Dosimeters.**

Chien-Shie Wu, PhD, Columbia University, New York, NY

10:40-11:00 **Coffee Break**

11:00-11:40 **Radiochromic Film and its application in eye plaque dosimetry.**

Samuel Trichter, M.Sc., New York Presbyterian Hospital, New York, NY

11:40-12:20 **OSLD application in Health Physics.**

Cliff Yahnke, Ph.D., Landauer, Inc., Glenwood, IL

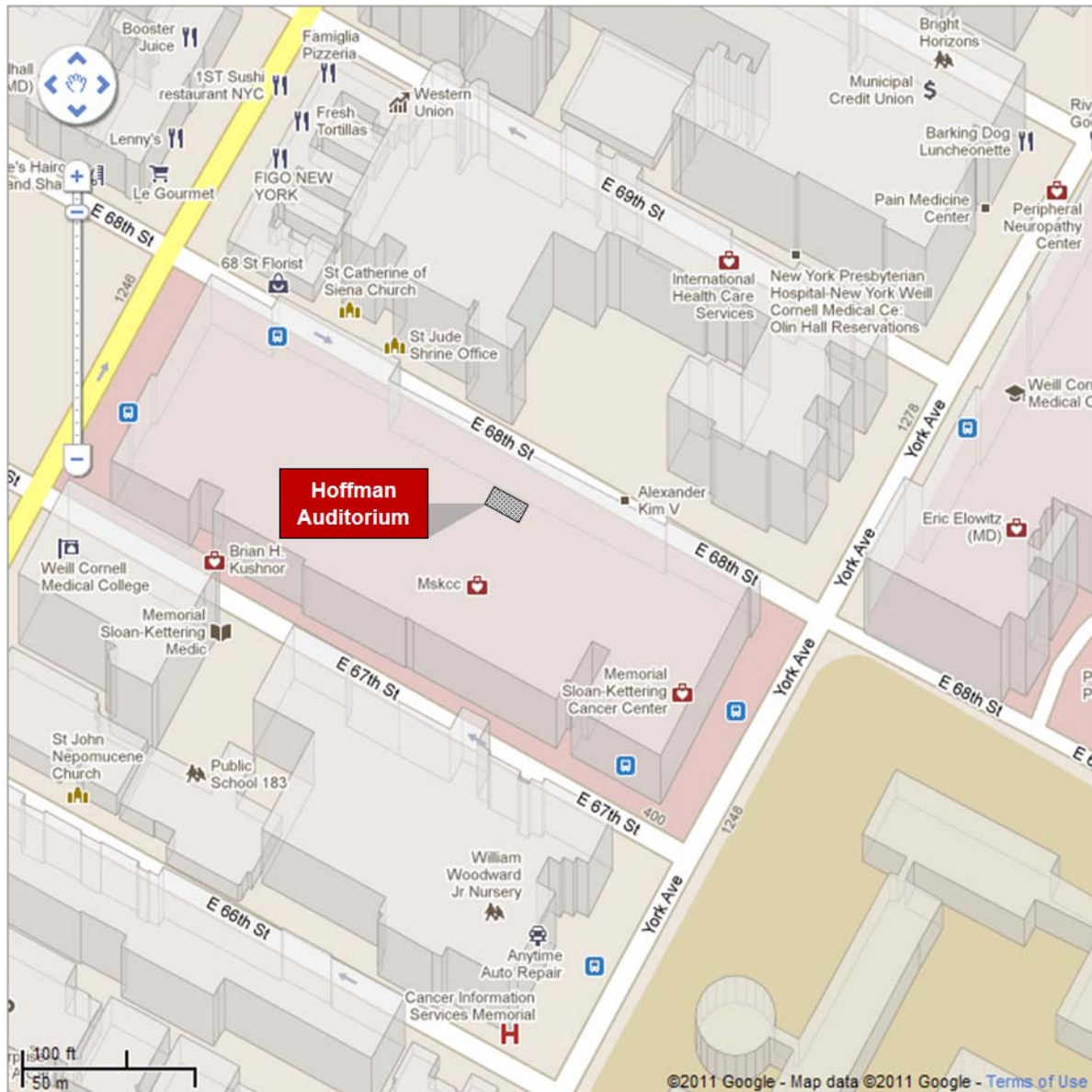
12:20-1:00 **The role of photon counting detectors in inverse geometry X-ray imaging.**

Tobias Funk, Ph.D, TripleRing Technologies, Inc., Newark, CA.

1:00- 1:30 **Panel Discussion**

Albert Sabbas, Ph.D., New York Presbyterian Hospital, New York, NY

Attendees will receive 4.5 hr CAMPEP credits



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.