

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

Tuesday, October 20, 2009

Memorial Sloan-Kettering Cancer Center

Zuckerman Research Center

Room: ZRC - 105

417 E. 68th Street

New York, NY 10065

(Please note the new location of the meeting)

Coffee and Cookies at 6:00 PM

Presentation Commences at 6:30 PM

SPEAKER:

John L. Humm, Ph.D.

Attending Physicist, Department of Medical Physics

Memorial Sloan-Kettering Cancer Center

“Quantitative PET Imaging”

Learning Objectives:

PET is frequently construed as a highly quantitative nuclear medicine imaging modality. This is a consequence of the ability to calibrate PET scanners to provide image read-out data in units of activity per unit volume (or mass for unit density tissues) directly. In this presentation, we will discuss factors that affect the accuracy of PET quantification such as the presence of i.v. or oral contrast agents, patient motion, use of certain non fluorine-18 isotopes and attempts to validate this accuracy in clinical studies.

Attendees will receive 1hr CAMPEP credit

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