

Radiological and Medical Physics Society of New York, Inc.
Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10065

2016 RAMPS Symposium

New Developments in Radiotherapy

Friday June 10th, 2016, 10:30am - 6:00pm

MSKCC Rockefeller Research Labs

Room: RRL-Auditorium

430 East 67th Street, New York, NY

- 10:30 - 11:00 **Registration**
Coffee and Beverages
- 11:00 - 11:15 **Welcome**
Thomas J. Petrone, PhD; President, RAMPS
CEO and Chief Medical Physicist, Petrone Associates, LLC.
- Introduction to New Developments in RT**
Ziad Saleh, PhD; President-Elect, RAMPS
Department of Medical Physics, MSKCC
- 11:15 - 12:05 **What is Missing in Current TG142 Guidance?**
Eric E. Klein, PhD, FAAPM, FACMP, FASTRO
North Shore - Long Island Jewish Medical Center, NY
- 12:05 - 12:55 **The Role of in Vivo EPID Dosimetry in Advanced Radiation Therapy**
Ben Mijnheer, PhD, FIOPM
Department of Radiation Oncology, Netherlands Cancer Institute, Amsterdam, NL
- 12:55 - 1:10 **Panel Q&A** - Moderator: Stefan Both, PhD
- 1:10 - 1:40 **Coffee Break**
- 1:40 - 2:30 **Knowledge-Based Treatment Planning**
Kevin L. Moore, PhD
Department of Radiation Medicine and Applied Sciences, University of California, San Diego, CA
- 2:30 - 3:20 **Image Registration and Segmentation**
Gregory C. Sharp, PhD
Department of Radiation Oncology, Massachusetts General Hospital, Boston, MA
- 3:20 - 3:35 **Panel Q&A** - Moderator: Ben Mijnheer, PhD

- 3:35 - 4:05 **Coffee Break**
- 4:05 - 4:55 **Scanning Beams: The New Standard in Proton Therapy**
Stefan Both, PhD
Department of Medical Physics, Memorial Sloan Kettering Cancer Center, New York, NY
- 4:55 - 5:45 **Role of 3D Printing in Modern RT**
Jameson Baker, PhD
Department of Radiation Oncology, Stony Brook Medicine, Stony Brook, NY
- 5:45 - 6:00 **Panel Q&A** - Moderator: Gregory Sharp, PhD
- 6:30 - 9:00 **Reception**
Rockefeller Room 101

Registration

Registration is by PayPal: <http://chapter.aapm.org/RAMPS/>
RAMPS Members: \$60, Non-Members: \$85

For **Students/Residents**

\$5.00 + letter from advisor attesting status or student ID is required at registration

CAMPEP credits: 5.98 MPCEC hours was applied to CAMPEP