



2013 NW AAPM Spring Meeting – Symposium Schedule

“Advanced Imaging Techniques for IGRT”

Friday, April 19, 2013

In collaboration with UW Medicine

Department of Radiation Oncology, University of Washington

Hilton Garden Inn Portland/Beaverton

15520 NW Gateway Ct.

Beaverton, OR 97006

PH: 503.439.1717

<http://www.portlandbeaverton.stayhgi.com/>

Registration and Continental Breakfast (7:30 am to 8:30 am) Hilton Garden Inn
Portland/Beaverton, Mt. Hood Room

Welcome (8:30 am to 8:45 am) – Multnomah/Rose Garden Room, **George A. Sandison, Ph.D. NW AAPM Chapter President**, *Director of Medical Physics*, UWMC Department of Radiation Oncology, University of Washington

Morning Session I (8:45am – 10:30 am), Multnomah/Rose Garden Room, Moderator **George A. Sandison, Ph.D.**

(9:00-9:45am) – **Dr. Lei Xing, Ph.D.**, Professor, Director of Radiation Physics Division, Department of Radiation Oncology, Stanford University, “*Imaging, Therapy and Future Technologies*”

(9:45am -10:30am) **Marka R. Crittenden, MD., Ph.D.**, Translational Radiation Research Director, Radiation Oncologist, The Oregon Clinic, Portland, OR, “*Teeny Tiny Tumor Treatment Technology*”

Coffee Break and Vendor Visit

(10:30 am to 11:00 am) – Mt. Hood Room

Morning Session II (11:00 am to 12:30 pm), Multnomah/Rose Garden Room, Moderator **George Sandison, Ph.D.**

(11:00 to 11:45am) – **Matthew J. Nyflot, Ph.D.**, Medical Physics Resident, Department of Radiation Oncology, University of Washington, Seattle WA, *"Comparative imaging studies of a respiratory motion phantom with 4DCT and 4DCBCT: implications for stereotactic lung radiotherapy"*

(11:45-12:15 pm) – **Carol Marquez, M.D.**, Associate Professor, Department of Radiation, Oregon Health and Sciences University, *"Intrabeam: a "new" method of partial breast irradiation"*

Lunch

(12:30 pm to 2:00 pm) – Hilton Garden-Inn

Chapter Business Members Meeting

(12:30pm to 1:30pm) – Columbia Board Room

Afternoon Session I – *(2:00pm to 3:30 pm)*, Multnomah/Rose Garden Room – Moderator **Joanna Harper, M. Sc.**, NW AAPM Chapter Past President, Chief of Medical Physics, Providence Health Care Portland, OR

(2:00-2:30pm) – **Todd Pawlicki, Ph.D.**, Professor and Director of the Medical Physics and Technology Division in the Department of Radiation Medicine and Applied Sciences at the University of California, San Diego, CA, *"IGRT QA and Beyond"*.

(2:30-3:00pm) – **Mark H. Phillips, Ph.D.**, Professor, Department of Radiation, University of Washington, *"Using decision models in assessing the clinical impact of new imaging modalities"*

(3:00-3:30pm) **Joanna Harper, M.Sc.**, Chief of Medical Physics, Providence Health Care-Portland, OR and **Todd Pawlicki, Ph.D.**, Professor and Director of the Medical Physics and Technology Division in the Department of Radiation Medicine and Applied Sciences at the University of California, San Diego, CA, *"QA -too Much of a good thing? Point – Counter Point"*

Coffee Break

(3:30 pm to 4:00 pm) –Mt. Hood Room

Afternoon Session II *(4:00 pm to 5:30 pm)*, Multnomah/Rose Garden Room, Moderator Joanna Harper, M. Sc. -

(4:00-4:30pm) – **Juergen Meyer, Ph.D.**, Associate Professor, Department of Radiation Oncology, University of Washington, Seattle WA, *"smARtsKin – A Patient Position Guidance and Monitoring System...or how to harness gaming console technology for an innovative health application"*

4:30 to 5:00pm – Alan Rowberg, M.D., Associate Professor, RIS/PACS Manager, Northwest Hospital and Medical Center, Seattle, WA, *"The History of Interfaces between Imaging and Therapy"*

(5:00 to 5:30pm)- Joanna Harper, M. Sc., Evaluations, CAMPEP Information and George Sandison, Ph.D., closing remarks

(5:30 – 6:30 pm) Social Event – immediately following the Spring Meeting in the Mt. Hood Room, Hilton Garden Inn Portland/Beaverton, Hosted by the 2013 AAPM Executive Committee.