2015 NW AAPM Spring Meeting – Symposium Schedule
“SBRT & SRS: The Art & Science of Precision & Accuracy”
Friday, May 1, 2015
Sheraton Portland Airport
8235 Northeast Airport Way, Portland, OR 97220

7:00 am to 7:45 am - Registration and Continental Breakfast – Location: Mt. St. Helens Foyer

7:45 am to 8:00 am – Welcome from Rex Ayers, NWAAPM Chapter President– Location: Mt. St. Helens A&B

General Meeting Learning Objectives:
• To review some fundamental principals of an SRS or SBRT program
• To gain insight into different modality options for SRS
• To be exposed to current and ongoing research in our chapter by local medical physics residents

8:00 am – 9:00 am - Invited Speaker Session – Location: Mt. St. Helens A&B
Keynote Speaker – Stan Benedict, PhD., Chief of Clinical Physics, Department of Radiation Oncology, University of California-Davis
• Presentation: Stereotactic Radiation Therapy: Established Guidelines, Emerging Technology, and Accidents We Shall Not Repeat

9:00 am - 9:45 am – Rex Ayers, MEng, Northwest Medical Physics Center, Tri-Cities
• Presentation: SRS/SBRT Commissioning and QA

9:45 am -10:30 am – Anton Eagle, MS, Northwest Medical Physics Center, North Star Lodge
• Presentation: The Current Knowledge and Future Research of Small Field Detectors

10:30 am - 10:40 am – Platinum Sponsor Presentation from Elekta: Himu Shukla, PhD
• Presentation: The MR-guided clinic: Background and progress from the Elekta research consortia

Morning Coffee Break Sponsor: Varian Medical Systems
10:40 am to 11:10 am – Coffee Break and Vendor Visit – Location: Mt. St. Helens A&B

11:10 am to 12:00 pm – Young Investigator Presentations – Location Mt. St. Helens A&B
11:10 am - 11:25 am – Olga Gopan, PhD, Medical Physics Resident, University of Washington
• Presentation: Quantifying the effectiveness of the physics pre-treatment plan review for detecting errors in radiation therapy

11:25 am - 11:40 am – Edward Marshall, MS, Medical Physics Resident, Northwest Medical Physics Center
• Presentation: Commissioning & QA of Electronic Brachytherapy Units

11:40 am - 11:55 am – Alexander Egan, PhD, Medical Physics Resident, Oregon Health & Science University
• Presentation: Assessment of MLC model-induced dose calculation error in highly modulated treatment plans
12:00 pm to 1:30 pm – Lunch Break and Vendor Visit – Location: Mt. St. Helens A&B
(12:30 pm to 1:30 pm - Chapter Business Meeting– 2015 NW AAPM EXCOM – Location Garden C)

1:30 pm – 2:30 pm – AAPM President, John Boone, PhD – Location: Mt. St. Helens A&B

- Presentation: The AAPM Organization

2:30 pm – 3:15 pm – Coffee Break and Vendor Visit – Location: Location: Mt. St. Helens A&B

3:15 pm – 5:30 pm – SRS Case Study: A comparison of Modalities – Location: Mt. St. Helens A&B

- Gamma Knife – Joanna Harper MSc, Providence Cancer Center
- Cyberknife – Fan Chen, PhD, Swedish Cancer Institute
- Linac - Kang Huang, MS, PeaceHealth St Joseph Hospital
- Proton – Charles Bloch, PhD, University of Washington

5:30 pm to 5:35 pm – Young Investigator Awards Presentation – Robin Miller, MS, NWAAPM Chapter Representative

5:35 pm to 5:45 pm – Evaluations Collection and Closing remarks – Rex Ayers, MEng, NWAAPM Chapter President

6:00 pm – 8:00 pm - Social Event – Hosted by the 2015 NW AAPMExCom and sponsored by Elekta.

Evaluations: All attendees and students will be required to complete and submit program and speaker evaluations to document attendance and to receive Continuing Education Credits (CAMPEP). Please leave your completed evaluation forms in the assigned evaluation box on the Registration desk.