



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 Rex Ayers – Location: Mt. St. Helens A&B

NW AAPM Chapter President, Chief Medical Physicist, Northwest Medical Physics Center, Tri-Cities Cancer Center

8:00 – 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 – 10:30 am – Commissioning & QA

9:00 – 9:45 am – Rex Ayers, NW AAPM Chapter President

- **Presentation:** “SRS/SBRT Commissioning and QA.”

9:45 – 10:30 am – Anton Eagle, Senior Medical Physicist, Northwest Medical Physics Center, North Star Lodge

- **Presentation:** “The Current Knowledge and Future Research of Small Field Detectors.”

10:30 - 10:40 am – Platinum Sponsor Presentation Elekta: Himu Shukla, PhD, Elekta Research Director – North America

- **Presentation:** “The MR-guided clinic: Background and progress from the Elekta research consortia.”
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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

Moderator – Rex Ayers, NW AAPM Chapter President, Chief Medical Physicist, Northwest Medical Physics Center, Tri-Cities Cancer Center

- **11:10 am - 11:25 pm – 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 pm – Edward Marshall, MS, Medical Physics Resident, Northwest Medical Physics Center**
 - **Presentation:** "Commissioning & QA of Electronic Brachytherapy Units."
- **11:40 am - 11:55 pm – 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 – 2:30 pm – John Boone, PhD, AAPM President – Location: Mt. St. Helens A&B

Presentation: "The AAPM Organization."

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

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

Moderator – Robin Miller, NW AAPM Chapter Representative, Chief Medical Physicist, Northwest Medical Physics Center, Multicare Regional Cancer Center

- **Gamma Knife – Joanna Harper, MSc**
- **Cyberknife – Fan Chen, PhD**
- **Linac - Kang Huang, MS, Michael Taylor, MD**
- **Proton – Charles Bloch, PhD**

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

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

5:45 pm – 8:00 pm - Social Event – Hosted by the 2015 NW AAPM ExCom 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.