



## 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

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**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

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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**

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**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

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**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)**

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

- **Presentation:** The AAPM Organization

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

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**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.