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.”

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
  
  o 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
  
  o Presentation: "Commissioning & QA of Electronic Brachytherapy Units."

- 11:40 am - 11:55 pm - Alexander Egan, PhD, Medical Physics Resident, Oregon Health & Science University
  
  o 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.”

-------------------------


-------------------------

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.