

The Future of Medical Physics and Radiation Oncology

NWAAPM Fall Meeting - October 20, 2023

Swedish Cherry Hill Education Center



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| 8:00 - 8:30 AM | Registration and continental breakfast | | |
| 8:30 -- 8:35 AM | Opening Remarks | Marcus Luckstead | NWAAPM President |
| 8:35 -- 8:40 AM | Introduction | David Shepard | Swedish Cancer Institute |
| 8:40-9:30 AM | History of Allogeneic Hematopoietic Cell Transplantation as an Example of Intensive Bench-to-Bedside Research | Ranier Storb | Fred Hutchinson Cancer Research Center |
| 9:30-9:40 AM | Elekta - Gold Level Sponsor Presentation | | |
| 9:40-10:10 AM | Coffee Break | | |
| 10:10-11:00 AM | Building an Adaptive Radiotherapy Program from an MR and CT Based Perspective | Alex Price | University Hospitals/Case Western |
| 11:00-11:30 AM | A Simplified Off-axis Winston-Lutz for Singleisocenter Multi-Target SRS | Anton Eagle | AdventHealth |
| 11:30-12:00 PM | Cyber Security in Healthcare | Adam Zoller | Chief Information Security Officer - Providence Health |
| 12:00-1:00 PM | Lunch and NWAAPM Business Meeting | | |
| 1:00-1:50 PM | Ultra-High Dose Rate Treatments Using FLASH | Peter Maxim | UC Irvine |
| 1:50-2:20 PM | Government Relations and Advocacy Strategies for AAPM | Rex Ayers | Northwest Medical Physics Center |
| 2:20-2:35PM | Demystifying Dose Reduction in Cardiac Catheterization | Alex Linden-Ruby | OHSU |
| 2:35-2:50PM | Mid-Treatment Liver Function Loss | Yulun He | University of Washington |
| 2:50-3:00 PM | Aktina - Gold Level Sponsor Presentation | | |
| 3:00-3:30 PM | Coffee Break | | |
| 3:30-4:20 PM | Developing a Clinical Practice in Global Medical Physics | Afua Yorke | University of Washington |
| 4:20-4:40 PM | MLC modeling in RayStation using Asynchronous Sweeping Gap Tests | Sreeram Narayanan | Virginia Mason |
| 4:40-5:00 PM | A Human-Centered Framework fo Oncological Health System Modeling: An Application within Mobile Radiation Delivery | Alex Price | University Hospitals/Case Western |
| 5:00-5:15 PM | Assessment and Validation of 3D Roadmap Image Registration in a Cutting Edge 4D CT/IR Imaging Suite | Joseph Wishart | University of Washington |
| 5:15-7:00 PM <i>NWAAPM PARTY!</i> | Rhein House, 912 12th Ave, Seattle, WA 98122 Bocce, Beer, and Brats Directions: 10 minute walk, head west on Cherry St. (down the hill) and right on 12 th Ave. | | |