



NWAAPM Spring 2025 Chapter Meeting

Friday May 2, 2025

OHSU Knight Cancer Research Building
2720 S Moody Ave, Portland, OR 97201

7:15 – 8:15 AM	Registration and continental breakfast		
Morning session 1			
8:15 – 8:25 AM	Welcome and opening remarks	Isaac Bailey	NWAAPM
8:25 – 8:55 AM	Validation of AI-Generated Cardiac Substructures and Dosimetric Impact of Auto-Segmentation in Radiotherapy Planning	Juergen Meyer	UW
9:00 – 9:15 AM	MedPhys SLAM!	Sci Comm Program	OMSI
	Generating synthetic motion artifacts in 4D-CT lung scans	Will Bethard	OHSU
	Correction factors for small field dosimetry	Xander Berg	NMPC
	Virtual imaging trial dose comparison: full-field vs. contrast-enhanced digital mammography	Hannah Grover	OHSU
9:15 – 10:00 AM	Expanding medical physics roles in radiopharmaceutical therapy: Navigating implementation, safety, and dosimetry	Celeste Winters and Rex Ayers	OHSU/NMPC
10:00 – 10:30 AM	Morning coffee break and vendor visit		
Morning session 2: Sponsored by GammaTile			
10:30 – 11:00 AM	Magnetic resonance fingerprinting of pancreatitis	Cory Wyatt	OHSU
11:00 – 12:00 PM	Keynote presentation: Coming Together to Forge Ahead in Medical Physics!	M. Mahesh	AAPM President
12:00 – 12:10 PM	Featured Gold Level Vendor Sponsor Presentation	GammaTile	GammaTile
12:10– 1:15 PM	Lunch and vendor visit Chapter business meeting in KCRB 1016		
Afternoon session 1: Early Career Symposium, Sponsored by Brainlab			
1:15 – 1:25 PM	Virtual imaging trial dose comparison: full-field vs. contrast-enhanced digital mammography	Hannah Grover	OHSU
1:25 – 1:35 PM	Assessing field-specific functional liver dose response after proton therapy to evaluate the FLASH effect using longitudinal SPECT/CT imaging	Pavitra Ramesh	UW
1:35 – 1:45 PM	Child-sized protocol optimization for interventional CT procedures	Lindsay Douglas	OHSU
1:45 – 1:55 PM	Automated classification of right superior lobe branching patterns using 3D convolutional neural networks	Will Bethard	OHSU
1:55 – 2:05 PM	Clinical I-131 Dosimetry: Audit, Review, Evaluation and Update	Colin Doyle	OHSU
2:05 – 2:15 PM	Lu-177 Recovery Coefficient Measurement, Implementation and Comparison with Functional ROIs	Benjamin E. Piacitelli	OHSU
2:15 –2:25 PM	Featured Gold Level Sponsor Presentation	Brainlab	Brainlab
2:25 – 3:00 PM	Afternoon coffee break and vendor visit		
Afternoon session 2: Sponsored By Varian Medical Systems			
3:00– 3:30 PM	Report from TG-332: Opening the black box	Miriam Lambert Weiser	Kaiser
3:30 – 4:15 PM	Commissioning evaluation of a deviceless 4DCT scanner	Hunter Tillery	NMPC
4:15 – 4:30 PM	SLAM and ECIS Winners presentation, thank you and closing remarks	Isaac Bailey	NWAAPM
4:30 – 6:30 PM	Social Event/Reception immediately following the conference conclusion		