

**UNIVERSITY OF MARYLAND DEPARTMENT OF RADIATION ONCOLOGY
SYMPOSIUM ON PRACTICAL AI IN RADIATION ONCOLOGY**

Friday, July 15, 2022

7:30-8:00 AM EDT	All Speakers and Attendees	On-site Registration, Breakfast / Zoom Log In and Setup
8:00-8:05 AM EDT	William F. Regine, MD, FACR, FACRO (University of Maryland)	Welcome & Introduction from the University of Maryland Department of Radiation Oncology Chairman
8:05-8:10 AM EDT	Amit Sawant, PhD (University of Maryland)	Opening Remarks from Medical Physics Division Vice Chair and Co-Course Director
8:10-9:00 AM EDT	Harini Veeraraghavan, PhD (Memorial Sloan Kettering Cancer Center)	Introduction and Overview of AI in Radiation Oncology
9:00-9:50 AM EDT	Steve Jiang, PhD (UT Southwestern Medical Center)	AI in Segmentation and Treatment Planning
9:50-10:05 AM EDT	Break	
10:05-10:55 AM EDT	Lei Ren, PhD (University of Maryland)	AI for Image Guided Radiation Therapy
10:55-11:45 AM EDT	Yu Kuang, PhD, DABR (University of Nevada, Las Vegas)	AI for Outcome Prediction and Adaptive Therapy
11:45-12:15 PM EDT	Lunch Break	
12:15-12:45 PM EDT	Vendor Showcase	
12:45-1:15 PM EDT	Lunch Break	
1:15-2:05 PM EDT	Manisha Palta, MD (Duke Radiation Oncology)	Clinical Adoption of AI in Radiation Oncology: A Physician's Perspective
2:05-2:55 PM EDT	Soren M. Bentzen, PhD, DMSc (University of Maryland)	AI and Statistics
2:55-3:10 PM EDT	Break	
3:10-4:00 PM EDT	Lei Xing, PhD (Stanford University)	Future of AI in Radiation Oncology
4:00-4:30 PM EDT	Moderators: Lei Ren, PhD and Amit Sawant, PhD (University of Maryland)	Panel Discussion with All Speakers
4:30-4:35 PM EDT	Lei Ren, PhD (University of Maryland)	Closing Remarks from Medical Physics Division Director of Research and Course Director
4:35-5:30 PM EDT	Maryland Proton Treatment Center (MPTC) Tour	