

Time	Session Title	Moderator/Presenter
7:00-7:30	Breakfast	
7:30-8:00	Tour	Arnold Pompos
8:00-9:20 a.m.	Session: Introduction and Principles of Adaptive Radiotherapy	Moderator: David Sher
8:00-8:10	Opening remarks	
8:10-8:30	Rationale of adaptive therapy	David Sher (UTSW)
8:30-8:50	MRI and PET imaging biomarkers in head and neck cancer	Michelle Mierzwa (Michigan)
8:50-9:10	Sim-free radiotherapy	Christopher Abraham (WU)
9:10-9:20	Panel discussion	
9:20-9:30	Break and vendor exhibition	
9:30-10:45 a.m.	Adaptive Planning, QA and Commissioning	Moderator: Mu-Han Lin
9:30-9:45	ART system commissioning and QA	Bin Cai (UTSW)
9:45-10:05	Thinking in 4D: planning for adaptive therapy	Dennis Stanley (UAB)
10:05-10:25	Promises and pitfalls of automatic contour and planning	Mu-Han Lin (UTSW)
10:25-10:45	Ensuring robust online ART with pre-MD review plan check	Zohaib Iqbal (UTSW)
10:45 a.m.-noon	Clinical Evidence, Practical Considerations of Online ART - I	Moderator: Ken Westover
10:45-11:00	Experience with OnC-ART for gyn cancer – gains and lessons learned	Kevin Albuquerque (UTSW)
11:00-11:15	The potential of daily adaptive radiotherapy for prostate cancer: who, why and how	Jon Leeman (BWH)
11:15-11:30	Lung	Ken Westover (UTSW)
11:30-11:45	GI	Lauren Henke (CWRU)
11:45-noon	H/N	David Sher (UTSW)
noon-1:00 p.m.	Lunch and Interactive Session – Billing	Moderator: Catherine Wallace
12:00-12:10	UTSW	Catherine Wallace (UTSW)
12:10-12:20	FCCC	Eric Horwitz (FCCC)
12:20-12:30	BWH	Jon Leeman (BWH)
12:30-1:00	Break	
1:00-2:00 p.m.	Clinical Evidence, Practical Considerations of Online ART - II	Moderator: David Sher
1:00-1:15	SGRT and motion management for adaptive therapy	Dave Parsons (UTSW)
1:15-2:00	Clinical case demo (SGRT breast ART)	UTSW MD & Phys
2:00-3:00 p.m.	Workflow and Team Building	Moderator: Shahed Badiyan
2:00-2:15	Building an efficient team for online ART	James Kavanaugh (Mayo)
2:15-2:30	Lessons learned from the implementation of a clinical adaptive radiation program	Eric Horwitz (FCCC)
2:30-2:45	Implementing Ethos and oART in a community practice setting	Ian Gallagher (Henry Ford)
2:45-3:00	RTT centric workflow and training	Eric Chambers (UTSW)
3:00-3:20	Break and vendor exhibition	
3:20-4:00 p.m.	Online ART Imaging: Present and Future	Moderator: Shahed Badiyan
3:20-3:40	Clinical experience using HyperSight for ART	James Kavanaugh (Mayo)
3:40-4:00	Incorporating multi-image modality in online ART	Shahed Badiyan (UTSW)
4:00-5:00 p.m.	Future of Online ART	Moderator: Steve Jiang
4:00-4:15	AI-empowered adaptive therapy	Steve Jiang (UTSW)
4:15-4:30	Knowledge-based response adaptive radiotherapy (KBR-ART)	Issam El Naqa (Moffitt)
4:30-4:45	Devil's advocate: what can C-arm linac do in the era of online adaptation?	Yi Rong (Mayo)
4:45-5:00	Closing remarks	