Time	Session Title	Moderator/Presenter
7:00-7:30	Breakfast	
7:30-8:00	Tour	**Arnold Pompos & Zohaib Iqbal**
8:00-9:20 a.m.	**Session: Introduction and Principles of Adaptive Radiotherapy**	**Moderator: David Sher**
8:00-8:05	Opening remarks	Robert Timmerman
8:05-8:20	Rationale of adaptive therapy	David Sher (UTSW)
8:20-8:40	MRI and PET imaging biomarkers in head and neck cancer	Michelle Mierzwa (Michigan)
8:40-9:00	Sim-free radiotherapy	Christopher Abraham (WU)
9:00-9:20	Questions/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)
10:05-10:20	Promises and pitfalls of automatic contour and planning	Mu-Han Lin (UTSW)
10:20-10:35	Ensuring robust online ART with pre-MD review plan check	Zohaib Iqbal (UTSW)
10:35 – 10:45	Questions/Panel Discussion	
10:45 a.m.-12:15pm	**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	Ablative Radiotherapy for Borderline/Unresectable Pancreatic Cancer Using CT-guided, Stereotactic Adaptive Radiotherapy (CT-STAR)	Lauren Henke (CWRU)
11:45-12:00	Adaptive RT in H&N: UTSW Experience	David Sher (UTSW)
12:00 – 12:15	Questions/Panel Discussion	
12:15-1:00 p.m.	**Lunch and Interactive Session – Billing**	**Moderator: Catherine Wallace**
12:15 – 12:25	UTSW	Catherine Wallace (UTSW)
12:25-12:35	The question you really want an answer to but are afraid to ask	Eric Horwitz (FCCC)
12:35 –12:45	Question/Panel Discussion	
12:45 – 1:00	Vendor exhibition	
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 & Francis Holgado (UTSW)
3:00 -3:10	Question/Panel Discussion	
3:10-3:20	**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)
3:40-3:55	Incorporating multi-image modality in online ART	Shahed Badiyan (UTSW)
3:55 – 4:00	Question/Panel Discussion	
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	Robert Timmerman