PRELIMINARY PROGRAM

Wednesday, April 16

7:30 AM **Breakfast**

8:30 AM

Proffered Papers 6 - Quantitative MRI II

Time	Title	Speaker
8:30 AM	Repeatability of longitudinal apparent diffusion coefficient measurements in esophageal tumors on a 1.5 T MR-linac	Koen Kuijer
8:40 AM	Preliminary Results from Consensus Measurement Methods for Longitudinal relaxometry on the 1.5T Unity MR-linac: a multi-institution comparison	Mike van Rijssel
8:50 AM	Longitudinal Assessment of Diffusion-MRI Hypoxia Score in Patients with Prostate Cancer Receiving Definitive Radiotherapy	Ivan A. Rashid
9:00 AM	Early radiation induced changes to the microenvironment in cervical cancer patients	Tiril Hillestad
9:10 AM	Longitudinal Diffusion-Weighted MRI for Treatment Response Assessment in Locally Advanced Rectal Cancer Patients Undergoing Short-Course Radiotherapy	Jonathan Pham
9:20 AM	Monitoring Concurrent Chemoradiation Treatment Response in Cervical Cancer Using Quantitative 3D T1ρ Mapping	Sandeep Panwar
9:30 AM	Assessment of treatment response after prostate Stereotactic Body Radiation Therapy using quantitative	Hayley Reynolds

	MRI and radiomics: the SBRT SI-BiRT trial	

Proffered Papers 7 - Advanced and Special Topics II

Time	Title	Speaker
9:40 AM	Implementation of Quantitative MRI-Guided Adaptive Radiotherapy on MR-LINAC	Jie Deng
9:50 AM	Online adaptive MR-Guided radiotherapy on a 1.5 T MR-Linac: clinical experience and evaluation of the first 1000 patients in a monocentric analysis	Michele Rigo
10:00 AM	Bowel motion: Is it a concern for multi-isocenter treatments?	Saskia Damen
10:10 AM	Synthetic 3D MRI generation from CBCT for deep-inspiration breath-hold (DIBH) abdominal treatments	Paulo Quintero
10:20 AM	Toward Personalized Automation in MR-Linac Workflows: Transforming Adaptive Radiotherapy with Advanced Monaco TPS Scripting	Sean Domal
10:30 AM	Comparative Plan Quality and Dosimetric Analysis of Two Commercially Available MR-Linac Systems in Prostate and Pancreas Cancers	Huiming Dong
10:40 AM	Investigating the dosimetric impact of intrafractional motion in prostate cancer patients during MR-guided adaptive radiotherapy	Stella Xing

9:40 AM

10:50 PM **Break**

11:20 PM	**Low Field vs. High Field MRI: A Comparative Perspective** ● Priti Balchandani, PhD, *Icahn School of Medicine at Mount Sinai, New York, NY, United States* ● Jelle Varaart, PhD, *NYU Grossman School of Medicine, New York, NY, United States*
12:20 PM	**Awards & Closing Remarks**