

2019 Radiation in Medicine Courses & Workshops

Medical 3D (M3DP) Printing Course - February 12, 2019

Tuesday, February 12, 2019

CEC Sessions (9:00 - 10:20) AM

Time	Duration	Title/Topic	Room	Speaker
9:00 - 9:25	25 min	What is 3D Printing?		A. Nobah
9:25 - 9:50	25 min	Additive Manufacturing (AM) Main Technologies		F. DeBlois
9:50 - 10:20	30 min	3D Printing Tools & Materials		F. DeBlois

CEC Sessions 10:35 AM - 12:00 PM

Time	Duration	Title/Topic	Room	Speaker
10:35 - 11:00	25 min	M3DP Process: DICOM To Model		F. DeBlois
11:00 - 11:15	15 min	Medical Imaging Parameters For Better M3DP		A. Nobah
11:15 - 11:35	20 min	3DP Segmentation: Which MR sequence to use?		A. Abu-Jamea
11:35 - 11:50	15 min	3DP Segmentation: What CT parameters to use?		S. Inazy
11:50 - 12:00	10 min	Discussion		All

CEC Sessions (13:30 - 15:30)

Time	Duration	Title/Topic	Room	Speaker
13:30 - 13:55	25 min	M3DP Applications: Clinical Cases		T. Ameen
13:55 - 14:15	20 min	Introduction to 3DP For Radiotherapy		A. Nobah
14:15 - 14:40	25 min	M3DP Clinical Applications in Radiotherapy		N. Jastaniyah
14:40 - 13:05	25 min	M3DP Applications in Radiation Physics		F. DeBlois
15:05 - 15:20	15 min	3D Gel Dosimetry: Area of Future 3DP application		A. Al-Kafi
15:20 - 15:30	10 min	Discussion		All

Workshops (16:00 - 17:30)

Time	Duration	Title/Topic	Room	Speaker
16:00 - 16:30	30 min	3D Printing Process: Digital to Model		Nobah / DeBlois
16:30 - 16:50	20 min	Introduction to Virtual Reality (VR) in medicine		A. Nobah
16:50 - 17:20	30 min	Virtual Reality & M3DP - Show & Tell		Nobah / DeBlois
17:20 - 17:30	10 min	Conclusion		Nobah / DeBlois