

Monday, 12 April

08:00 - 09:45	Registration & Administration
09:45 - 10:00	Welcome (LB, MD, SP, RP)
10:00 - 11:00	Introduction / history / clinical needs / new developments (GS)
11:00 - 12:00	MIRD formalism (GS)
12:00 - 13:30	Lunch
13:30 - 14:15	Beta dosimetry (MB)
14:15 - 15:00	Planar gamma-camera quantification (CC)
15:00 - 15:30	Break
15:30 - 16:15	⁹⁰ Y Zevalin therapy: comparison of dosimetric methods (CC)
16:15 - 17:00	PET quantification (GS)

Thursday, 15 April

08:30 - 09:15	SPECT quantification (GF)
09:15 - 10:00	Dosimetry in multi-centre trials (ML)
10:00 - 10:30	Break
10:30 - 11:15	Small-animal dosimetry (MB)
11:15 - 12:00	Treatment planning for molecular radiotherapy (GF)
12:00 - 13:30	Lunch
13:30 - 15:00	Group 1 & 2 Computer session I
15:00 - 15:30	Break
15:30 - 17:00	Computer session II
	Group 3 & 4 Practical sessions at the Ospedali Riuniti (MD, MF)

Tuesday, 13 April

08:30 - 09:15	Radiobiology applications for NM therapies (LS)
09:15 - 10:00	¹³¹ I Bexxar dosimetry (GS)
10:00 - 10:30	Break
10:30 - 11:15	Intro to microdosimetry (MB)
11:15 - 12:00	Intro to dosimetry software and Monte Carlo modelling (MB, GS)
12:00 - 13:30	Lunch
13:30 - 15:00	Group 3 & 4 Computer session I
15:00 - 15:30	Break
15:30 - 17:00	Computer session II
	Group 1 & 2 Practical sessions at the Ospedali Riuniti (MD, MF)

Friday, 16 April

08:30 - 09:15	Discussion/Follow-up on practicals and computer sessions
09:15 - 10:00	⁹⁰ Y glass microspheres: voxel-based dosimetry (CC)
10:00 - 10:30	Break
10:30 - 11:15	⁹⁰ Y resin microspheres dosimetry (LS)
11:15 - 12:00	²¹¹ At alpha-particle dosimetry (SP)
12:00 - 13:30	Lunch
13:30 - 14:15	3D-RD, imaging-based patient specific dosimetry (GS)
14:15 - 16:00	Course evaluation / general discussion / closing (ALL)

Wednesday, 14 April

08:30 - 10:00	¹³¹ I thyroid dosimetry (ML)
10:00 - 10:30	Break
10:30 - 11:15	Kinetic assessment (MB)
11:15 - 12:00	Dosimetry for radiopeptide therapy (MC)
12:00 - 13:30	Lunch
13:30 -	Visit to the PET centre in Udine (RP, FB, OG, SP)

Directors Mario de Denaro (Trieste)
Renato Padovani (EFOMP)
Stig Palm (IAEA)

Local organizers Luciano Bertocchi (ICTP)

Lecturers Carlo Chiesa (EFOMP)
Marta Cremonesi (EFOMP)
Lidia Strigari (EFOMP)
Manuel Bardies (France)
Michael Lassman (Germany)
Faustino Bonutti (Italy)
Onelio Geatti (Italy)
Stefano Pilat (Italy)
Maria Rosa Fornasier (Trieste)
Glenn Flux (UK)
George Sgouros (USA)

