



Joint ICTP/IAEA Workshop on Medical Physics Aspects of Stereotactic Radiotherapy Techniques

IAEA Dosimetry Laboratory in Seibersdorf, Austria 21-25 March 2022

AGENDA

Monday 21 March 2022

	Registration at the VIC <i>(Vienna IAEA Headquarter - Wagramerstrasse, 5)</i>	08:00	10:15
	TRAVEL to Seibersdorf - BUS leaving from Wagramerstrasse, 5 Coffee break after arrival in Seibersdorf	10:15	11:30
M. Carrara	Opening and entrance test <i>(Room TC18-22)</i>	11:30	12:00
E. Lindbäck	History of SBRT - Technological evolution <i>(Room TC18-22)</i>	12:00	12:30
L. Cordero Mendez	Current clinical applications (Room TC18-22)	12:30	13:00
	Lunch break	13:00	14:00
T. Ritter	Linacs and equipment for SBRT <i>(Room TC18-22)</i>	14:00	14:45
P. Mancosu	Linac commissioning for SBRT and small field dosimetry (Room TC18-22)	14:45	15:30
	Coffee break	15:30	16:00
T. Ritter	Imaging and image registration for volume definition <i>(Room TC18-22)</i>	16:00	17:00
E. Lindbäck	Uncertainties and PTV margins <i>(Room TC18-22)</i>	17:00	17:30
all	Q&A <i>(Room TC18-22)</i>	17:30	18:00

BUS leaving from Seibersdorf at 18:15 – arrival at VIC at 19:15

Tuesday 22 March 2022

BUS leaving from VIC at 7:15 – arrival in Seibersdorf at 8:15

T. Ritter	Overview of SBRT treatment planning algorithm commissioning (<i>Room TC18-22</i>)	08:30	09:00
T. Ritter	Treatment planning principles in SRT/SBRT (<i>Room TC18-22</i>)	09:00	09:45
M. Heard	Dose prescriptions and dose constraints (<i>Room TC18-22</i>)	09:45	10:15
	Coffee break	10:15	10:45
E. Lindbäck	Image-guided beam delivery (ionizing and non-ionizing radiation) (<i>Room TC18-22</i>)	10:45	11:15
E. Lindbäck	Inter- and intra-fraction motion management in SBRT (<i>Room TC18-22</i>)	11:15	12:00
All	Q&A (<i>Room TC18-22</i>)	12:00	12:30
	Lunch break	12:30	13:30
P. Mancosu	QA of linacs for SRT/SBRT (<i>Room TC18-22</i>)	13:30	14:15
P. Mancosu	Patient specific QA (<i>Room TC18-22</i>)	14:15	15:00
	Coffee break	15:00	15:30
T. Ritter	Imaging and ancillary equipment QA (<i>Room TC18-22</i>)	15:30	16:15
A. Dimitriadis	Quality audits and clinical trials (<i>Room TC18-22</i>)	16:15	17:00
All	Q&A (<i>Room TC18-22</i>)	17:00	17:30

BUS leaving from Seibersdorf at 17:45 – arrival at VIC at 18:45

Wednesday 23 March 2022

BUS leaving from VIC at 7:15 – arrival in Seibersdorf at 8:15

Group A

E. Lindbäck M. Carrara K. Chelminski	3D water tank measurements – interactive training <i>(Linac and treatment console room)</i>	08:30	10:15
	Coffee break	10:15	10:45
E. Lindbäck M. Carrara K. Chelminski	3D water tank measurements – interactive training (continued) <i>(Linac and treatment console room)</i>	10:45	12:30
	Lunch break	12:30	13:30
E. Lindbäck M. Carrara K. Chelminski	QA – interactive training <i>(Linac and treatment console room)</i>	13:30	15:00
	Coffee break	15:00	15:30
P. Mancosu M. Carrara K. Chelminski	QA – interactive training (continued) <i>(Linac and treatment console room)</i>	15:30	17:30

Group B

P. Mancosu M. Heard	Treatment planning: brain – interactive training <i>(Room TC18-22)</i>	08:30	10:15
	Coffee break	10:15	10:45
P. Mancosu M. Heard	Treatment planning: lung – interactive training <i>(Room TC18-22)</i>	10:45	12:30
	Lunch break	12:30	13:30
P. Mancosu M. Heard	Treatment planning: liver – interactive training <i>(Room TC18-22)</i>	13:30	15:00
	Coffee break	15:00	15:30
E. Lindbäck M. Heard	Discussion of cases from Karolinska Institute <i>(Room TC18-22)</i>	15:30	17:30

BUS leaving from Seibersdorf at 17:45 – arrival at VIC at 18:45

Thursday 24 March 2022

BUS leaving from VIC at 7:15 – arrival in Seibersdorf at 8:15

Group A

P. Mancosu M. Heard	Treatment planning: brain – interactive training <i>(Room TC18-22)</i>	08:30	10:15
	Coffee break	10:15	10:45
P. Mancosu M. Heard	Treatment planning: lung – interactive training <i>(Room TC18-22)</i>	10:45	12:30
	Lunch break	12:30	13:30
P. Mancosu M. Heard	Treatment planning: liver – interactive training <i>(Room TC18-22)</i>	13:30	15:00
	Coffee break	15:00	15:30
E. Lindbäck M. Heard	Discussion of cases from Karolinska Institute <i>(Room TC18-22)</i>	15:30	17:30

Group B

E. Lindbäck M. Carrara K. Chelminski	3D water tank measurements – interactive training <i>(Linac and treatment console room)</i>	08:30	10:15
	Coffee break	10:15	10:45
E. Lindbäck M. Carrara K. Chelminski	3D water tank measurements – interactive training (continued) <i>(Linac and treatment console room)</i>	10:45	12:30
	Lunch break	12:30	13:30
E. Lindbäck M. Carrara K. Chelminski	QA – interactive training <i>(Linac and treatment console room)</i>	13:30	15:00
	Coffee break	15:00	15:30
P. Mancosu M. Carrara K. Chelminski	QA – interactive training (continued) <i>(Linac and treatment console room)</i>	15:30	17:30

BUS leaving from Seibersdorf at 17:45 – arrival at VIC at 18:45

Friday 25 March 2022

BUS leaving from VIC at 7:15 – arrival in Seibersdorf at 8:15

all	Discussion of the practical sessions <i>(Room TC18-22)</i>	08:30	11:00
	Coffee break	11:00	11:30
all	Exit test and test discussion <i>(Room TC18-22)</i>	11:30	12:50
M. Carrara	Conclusion <i>(Room TC18-22)</i>	12:50	13:00
	Lunch break	13:00	14:00
IAEA	<i>Visit to the IAEA Dosimetry Laboratory (Optional)</i> <i>(IAEA Dosimetry Lab)</i>	<i>14:00</i>	<i>15:30</i>

BUS leaving from Seibersdorf at 15:45 – intermediate stop a VIE International Airport 16:30 – arrival at VIC at 17:00