

1st Annual ARDENT WORKSHOP

Wednesday 21 November 2012

TRAINING COURSES ON RADIATION DOSIMETRY (09:00 - 12:30)

time	[id] title	presenter
09:00	[4] General overview and fields of applications (accelerators, medical, internal dosimetry, space, aircrew)	ROZENFELD, Anatoly
10:00	[5] Interaction of ionising radiation with matter (photons, electrons, neutrons, heavy ions)	AGOSTEO, Stefano
11:00	Coffee break	
11:30	[6] Quantities and units in radiation dosimetry (fluence, stopping power, kerma, dose...) - PART 1	SILARI, Marco

TRAINING COURSES ON RADIATION DOSIMETRY (14:00 - 18:30)

time	[id] title	presenter
14:00	[7] Quantities and units in radiation dosimetry (fluence, stopping power, kerma, dose...) - PART 2	SILARI, Marco
15:00	[8] Instrumentation 1 - Gas detectors - PART 1	WAKER, Anthony
16:00	Coffee break	
16:30	[10] Instrumentation 1 - Gas detectors - PART 2	WAKER, Anthony
17:30	[11] Quantities and units in radiation protection	AGOSTEO, Stefano

Thursday 22 November 2012

TRAINING COURSES ON RADIATION DOSIMETRY (09:00 - 12:30)

time	[id] title	presenter
09:00	[12] Instrumentation 2 - Solid state detectors (PART 1): Principles of operation of solid state detectors	FAZZI, Alberto
10:00	[13] Instrumentation 2 - Solid state detectors (PART 2) : Hybrid pixel detectors and their applications	MICHEL, Thilo
11:00	Coffee break	
11:30	[14] Instrumentation 2 - Solid state detectors (PART 3) : Tracking and radiation field measurement with pixel detectors	VYKYDAL, Zdenek

TRAINING COURSES ON RADIATION DOSIMETRY (14:00 - 16:00)

time	[id] title	presenter
14:00	[15] Instrumentation 3 - Passive detectors (track detectors, TLDs...)	PARRAVICINI, Antonio CARESANA, Marco

TRAINING COURSES ON RADIATION DOSIMETRY (16:30 - 19:30)

time	[id] title	presenter
16:30	[17] Statistical analysis and data handling	CARESANA, Marco
18:30	[18] Radiobiology (low and high LET radiation, RBE)	WAKER, Anthony