

4th Annual ARDENT Workshop

Wednesday 24 June 2015

Training Course: Neutron Dosimetry, Radiobiology and Instrumentation - Day 1 (09:00 - 18:00)

time	[id] title	presenter
09:00	[19] 1. Neutron sources (isotopic, accelerators, reactors, photoneutrons)	GIULINI CASTIGLIONI AGOSTEO, Stefano
10:00	[32] 2. Interaction of neutrons with matter (with tissue, including a short recall on dosimetry quantities, and with matter as a basis of detection principles) - 1	GIULINI CASTIGLIONI AGOSTEO, Stefano
11:00	Coffee break	
11:30	[52] 2. Interaction of neutrons with matter (with tissue, including a short recall on dosimetry quantities, and with matter as a basis of detection principles) - 2	GIULINI CASTIGLIONI AGOSTEO, Stefano
12:30	Lunch in place	
13:30	[33] 3. Gas detectors (He-3, BF3, He-4, ionisation chambers)	WAKER, Anthony
14:30	[34] 4. Scintillator detectors including operating principles	LERCH, Michael
15:30	Coffee break	
16:00	[35] 5. Moderator-type detectors (rem counters, BSS)	SILARI, Marco
17:00	[36] 6. Passive detectors (activation detectors, bubble detectors) - part 1	GIULINI CASTIGLIONI AGOSTEO, Stefano

Thursday 25 June 2015

Training Course: Neutron Dosimetry, Radiobiology and Instrumentation - Day 2 (09:00 - 19:00)

time	[id] title	presenter
09:00	[53] 6. Passive detectors (nuclear track detectors) - part 2	SASHALA NAIK, Alvin PARRAVICINI, Antonio
10:00	[37] 7. Semiconductor detectors	OWENS, Alan
11:00	Coffee Break	
11:30	[45] 8. Neutron semiconductor detectors for clinical dosimetry applications: Fast Neutron Therapy , BNCT and out of field neutron dose in proton therapy	ROZENFELD, Anatoly
12:30	Lunch	
13:30	[42] 9. Medipix and GEM based neutron detectors	VYKYDAL, Zdenek
14:30	[43] 10. Neutron radiobiology - 1	JONES, Bleddyn
15:30	Coffee break	
16:00	[57] 11. Neutron radiobiology - 2	JONES, Bleddyn
17:00	[44] 12. Monte Carlo in neutron metrology and dosimetry	ROLLET, Sofia