

**Regional Training Course on Accidents and Accident Prevention in Radiotherapy  
Argonne National Laboratory, USA  
December 2 – 6 2013**

<b>Day Time</b>	<b>Monday December 2</b>	<b>Tuesday December 3</b>	<b>Wednesday December 4</b>	<b>Thursday December 5</b>	<b>Friday December 6</b>
9:00-10:30	Opening Ceremony  <b>(Safety at Argonne) (0.30 hr)</b>  The Radiotherapy Process- Aguirre (0.75 hr)	Introduction to Quality and Safety – Dunscombe (0.5hr)  Process Maps – Brown (1.0 hr)	Preventive Measures - Dunscombe (1 hr)  Safety Culture – Dunscombe (0.5 hr)	What to do when an accident occurs - Aguirre	GROUP EXERCISE
10:30-10:45	<b>Group Photo</b> <span style="float: right;"><b>Coffee/Tea Break</b></span>				
10:45-12:00	Clinical consequences of RT accidents - Wiley	Failure Modes and Effects Analysis – Brown (1.25hr)	Quality Management – Dunscombe (1.25 hr)	The RPC Quality Audit Program and other International programs - Aguirre	DISCUSSION OF GROUP EXERCISE
12:00-1:00	<b>Lunch Break</b>				
1:00-3:00	Accidents in radiotherapy - Aguirre  Accidents involving IMRT, SRS and IGRT - TBN	Human Factors – Dunscombe (0.5hr)  Root cause analysis – Pawlicki (0.75hr)  Statistical Process Control – Pawlicki (0.75hr)	Improvements on safety Recent IAEA efforts in safety Aguirre  IAEA Audits and accident prevention–Aguirre, IAEA	Staffing levels, training, communication Jursinic  Establishment of a QA management program that includes safety Jursinic	DISCUSSION OF COURSE
3:15-3:30	<b>Coffee/Tea Break</b>				
3:30-5:00	Reporting of accidents and incidents (0.5 hr) -Aguirre	Incident learning – Mutic (0.5 hr)  Checklists – Mutic (1.0 hr)	Improving Quality and Safety: The Clinician's Perspective - Das	GROUP EXERCISE	Closing