

**Curso Internacional sobre Radioterapia Moderna Usando Aceleradores Lineales
Argonne National Lab, USA Abril 4 - 8, 2016**

Day Time	Monday Abril 4	Tuesday Abril 5	Wednesday Abril 6	Thursday Abril 7	Friday Abril 8
8:45 - 9: 45	Welcome (ANL) 8:45 – 9.00 9:00 – 9:15 (Safety at ANL) Modern radiotherapy (Aguirre) 9:15 – 9:45	Linear accelerators in RT (Hernandez)	The terminology of 3DCRT. ICRU recommendations (Dante)	Simulation and treatment of breast tumors (TBN/Iglesias)	From 2D to 3D to IMRT and beyond (Pipman)
9:45 – 10:45	The care of the oncology patient (Perez)	Accessories to modify radiation (Romaguera)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Simulation and treatment of lung tumors (TBN/Iglesias) Palliative Care (Iglesias)	Staffing needs of a RT Center (Pipman)
10:45-11:00	Group Photo		Coffee/Tea Break		
11:00 -12:00	Interactions of radiation with matter: their relevance in radiation therapy (Christian)	Immobilization devices in RT (Romaguera)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Simulation and treatment of prostate and pelvis tumors (Linares/Saravia)	Delivery of a RT treatment. The uncertainties in the RT process. (Aguirre)
12:00-1:00	Lunch Break				
1:00-2:00	Radiation biology in radiotherapy (Perez)	Imaging for radiotherapy CT, PET, MRI, fusion (Pino)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Simulation and treatment of head and neck tumors (Linares/Saravia)	Quality management, quality assurance (Aguirre)
2:00 - 3:00	Radiation protection in radiotherapy (Christian)	Simulation in RT, conventional, virtual, CT sim (Pino)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Discussion on clinical and physics aspects	Risk management (Fontenla)
3:00-3:15	Coffee/Tea Break				
3:15-4:00	Clinical dosimetry in radiotherapy (Prado)	Administration systems for EBRT (Hernandez)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Discussion on clinical and physics aspects	Accident prevention, Safety culture. (Fontenla)
4:00-5:00	The radiation therapy modalities(Prado)	Acceptance, commissioning and calibration of radiotherapy equipment(Pino)	Workshop on virtual sim and treatment planning (Dante,Hernandez)	Visit to a RT Center 5 – 8 pm	