



14th Mexican Symposium on
Medical Physics

Program: Pre-Symposium School, March 16-17 2016

Auditorio Alejandra Jáidar, Biblioteca Juan B. de Oyarzábal

Wednesday March 16 2016

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Time	Topic	Professor name	
9:00 - 13:00		Onsite registration	
9:00 - 9:05	Welcome	Manuel Torres	Director, IFUNAM
9:05 - 9:10	Introduction	Guerda Massillon-JL	Chair organizing committee, IFUNAM
9:10 - 10:40	Monte Carlo application on Medical Physics	Frederic Tessier	NRC Canada
10:40 - 11:40	Combined Standard uncertainly Concept	Larry DeWerd	UW-Madison, USA
11:40 - 12:00 Coffee break			
12:00 - 13:00	Uncertainty evaluation in the clinic	Larry DeWerd	UW-Madison, USA
13:00 - 14:30	Radiation Protection for Clinical Installation	Cesar Ruiz Trejo	IFUNAM, Mexico
14:30 - 16:00 Lunch			
16:00 - 17:30	Deterministic & stochastic effects in radiological protection.	Cari Borrás	AAPM, USA
	Cellular radiobiology	Jolyon Hendry	Christie Hospital/ Manchester University UK
17:30 - 19:00	Patient Safety aspect of radiation therapy delivery	Dharanipathy Rangara	Texas A&M College of Medicine, USA

Thursday March 17 2016

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9:00 - 10:30	Radiobiology aspects of new radiotherapy technologies.	Jolyon Hendry	Christie Hospital/ Manchester University UK
	Radiation effects on the embryo and fetus	Cari Borrás	AAPM, USA
10:30 - 11:30	Brachytherapy Physics: Basics	Firas Mourtada	Helen F. Graham Cancer Center, USA
11:30 - 12:00 Coffee break			
12:00 - 13:00	Brachytherapy Physics: Advanced	Firas Mourtada	Helen F. Graham Cancer Center, USA
13:00 - 14:30	Small field Dosimetry in external Radiation Therapy	Indra Das	Indiana University, USA
14:30 - 16:00 Lunch			
16:00 - 17:30	Films and thermoluminescent Dosimetry in Radiotherapy	Guerda Massillon-JL	IFUNAM, Mexico
17:30 - 19:00	The EGSnrc code	Frederic Tessier	NRC Canada
19:00 - 19:15	Closing Remark	Guerda Massillon-JL	IFUNAM, Mexico

