

MPU SEMINAR SERIES : 2011-2012

Fall 2011

- September 2: Gustavo Kertzscher** (Ottawa General Hospital, Ottawa, ON)
Identifying afterloader brachytherapy errors using real-time fiber-coupled luminescence dosimetry: A phantom study
- September 16: Ali Sedeghi-Naini** (University of Western Ontario, London, ON)
Modelling lung tissue motions and deformations for more accurate tumor ablative procedures
- September 30 : Emily Heath** (Ryerson University, Toronto, ON)
Quantifying and compensating for uncertainties in 4D radiotherapy of lung cancer
- October 21 : Luis Souhami** (Radiation Oncology, McGill U, Montreal, QC)
History of radiosurgery in Canada
- October 28 : Pier-Yves Trépanier** (Université de Montréal, Montreal, QC)
Predicting the location of GBM recurrence after radiotherapy using patient-specific DTI and numerical modelling
- November 18 : Ernesto Mainegra-Hing** (National Research Council of Canada, Ottawa, ON)
Monte Carlo based CBCT scatter corrections

Winter 2011-2012

- January 13 : Richard B. Richardson** (AECL Laboratories, Chalk River, ON)
The hazards and etiological role of ionizing radiation (& infection) in childhood leukemia
- January 20 : Sonia Callejo** (Ophthalmology, McGill University Health Centre, Montreal, QC)
Radiotherapy for ocular tumors
- February 09 : Jan Seuntjens** (Medical Physics Unit, McGill University, Montreal, QC)
Current developments in clinical reference dosimetry protocols
- March 16 : Various presentors** (McGill University / McGill University Health Centre / Montreal Neurological Institute / Jewish General Hospital, Montreal, QC)
Project presentations to M.Sc. students
- March 23 : Jean-Pierre Bissonnette** (Princess Margaret Hospital, Toronto, ON)
Imaging applications for lung cancer radiation therapy
- April 05 : Séverine Rossomme & Stefaan Vynckier** (Université Catholique de Louvain, Belgium)
Development and characterization of calorimeters for primary dosimetry in hadron-therapy
- April 13 : Hugo Bouchard** (Radiation Oncology, Hôpital Notre-Dame, Montreal, QC)
Theoretical considerations in radiation dosimetry
- June 19 : B. Gino Fallone** (Medical Physics, University of Alberta, Edmonton, AB)
Development and dosimetry advantages of the biplanar linac-MR for real-time MR-guided radiotherapy