

## APPENDIX XV.

### MPU SEMINAR SERIES : 2013 CALENDAR YEAR

#### Winter 2012-2013

- January 11, 2013 : Boris Kell** (Massachusetts General Hospital, Boston, MA)  
*Improving sensitivity and speed in MRI and its integration with radiation modalities*
- January 25, 2013 : Kavita Murthy** (Canadian Nuclear Safety Commission, Ottawa, ON)  
*How Finland regulates the use of ionizing radiation in medical facilities*
- February 08, 2013 : Yani Picard** (Canadian Nuclear Safety Commission, Ottawa, ON)  
*The life of a medical physicist at the public service of Canada*
- February 21, 2013 : Bryan Muir** (Carleton University, Ottawa, ON)  
*Measurements and Monte Carlo simulations for reference dosimetry of high-energy photon and electron beams*
- February 22, 2013 : Richard B. Richardson** (AECL, Chalk River, ON)  
*Are beta and alpha-emitting radionuclides effective treatments against leukemia stem cells and bone metastases?*
- March 22, 2013 : Various staff** (McGill University / McGill University Health Centre / Montreal Neurological Institute / SMBD-Jewish General Hospital, Montreal, QC)  
*Project presentations to M.Sc. students*
- April 05, 2013 : Gyorgy Hegyi** (McGill University Health Centre, Montreal, QC)  
*Current standing on CT dose optimization through different makes and user preferences*
- April 12, 2013 : Emilie Soisson** (McGill University Health Centre, Montreal, QC)  
*Uncertainties in lung SBRT*
- April 26, 2013 : Elahe Alizadeh** (Université de Sherbrooke, Sherbrooke, QC)  
*Low energy electronics and radiation damage to DNA: From fundamental processes to applications*

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#### Summer 2012-2013

- June 21, 2013 : Magdalena Bazalova** (Stanford University, Stanford, CA)  
*Should we treat cancer with very high electron beams?*
- July 05, 2013 : Patricia Lindsay** (University of Toronto / Princess Margaret Hospital, Toronto, ON)  
*Development and applications of an image-guided small animal irradiation platform for translational research*
- July 10, 2013 : Patricia Lindsay** (University of Toronto / Princess Margaret Hospital, Toronto, ON)  
*Development and applications of an image-guided small animal irradiation platform for translational research*

**Fall 2013-2014**

**September 27 : Ramzi Jamal** (Canadian Nuclear Safety Commission, Ottawa, ON)  
*Fukushima-Daiichi NPP Site Visit & Decontamination Tour of the Tohoku Region*

**October 04 : Randy Taylor** (Ottawa Hospital, Ottawa, ON)  
*Leveraging Software to Improve Quality Control in the Clinic*

**October 18 : Marija Popovic** (McGill University Health Centre, Montreal, QC)  
*Intraoperative Radiotherapy with INTRABEAM®: Overview of Clinical Benefits and Initial Implementation Challenges*

**November 08 : Sue Laver** (McGill Writing Centre, McGill University, Montreal, QC)  
*Entering the Scholarly Conversation*

**November 15 : Ranjini Tolakanahalli** (Hamilton Health Sciences, Hamilton, ON)  
*Imaging in Personalized Radiation Therapy: Past, Present and Future*

**November 22 : Joanna Cygler** (Ottawa Hospital Cancer Centre, Ottawa, ON)  
*Clinical Capabilities of RADPOS: A Novel 4D “in vivo” system*

**December 06 : Leah Schubert** (U Colorado School of Medicine, Aurora, CO)  
*Physicists and the radioisotopes for clinical radiopharmaceutical: Production and concepts*

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