

MPU SEMINAR SERIES : 2014-2015

Fall 2014-2015

August 29 : Belal Moftah (King Faisal Specialist Hospital/Research Ctr, Riyadh, Saudi Arabia)
KFSH&RC Biomedical Physics Department: Overview and R&D Activities

October 17 : Dan LaRussa (Ottawa Hospital Cancer Centre, Ottawa, ON)
Recent Infrastructure Changes at the Ottawa Hospital Cancer Centre

October 24 : Audrey MacLeod (IRS, National Research Council of Canada, Ottawa, ON)
The Development of Scintillation-based Compton Imagers

October 30 : Anders Ahnesjö (Uppsala University, Uppsala, Sweden)
TPS Dose Calculation Algorithms in the Future: All Monte Carlo or Deterministic Approaches?

November 07 : Shirley Lehnert (McGill University, Montreal, QC)
Targeted Radiotherapy using Auger Electron Emitters

November 14 : Bryan Caron (McGill University, Montreal, QC)
Introduction to High Performance Computing: Resources & Services for Computational Research

November 21 : Ives Levesque (McGill University, Montreal, QC)
T1 Mapping: The Up & Down (& Up) Story of an Old Technique

December 05 : Michael Heimann (Canadian Nuclear Safety Commission, Ottawa, ON)
Common Regulatory Non-compliances and How to Avoid Them

Winter 2014-2015

January 23 : Stephen Kry (M.D. Anderson Cancer Centre, Houston, TX)
Neutrons in Radiation Oncology: Measurement and Implications

January 30 : Alex Vitkin (University of Toronto, Toronto, ON)
Photon Mayhem: Using Light for Structural and Functional Assessment of Biological Tissues

February 27 : Jean-Yves Fiset (Canadian Nuclear Safety Commission, Ottawa, ON)
Improving Human Performance: Myths, Truths, and a Few Useful Tips

March 13 : Arman Sarfehnia (Sunnybrook Health Sciences Ctr, Toronto, ON)
MRI – Linac: Benefits & Challenges

March 20 : Stephen Breen (Princess Margaret Cancer Ctr, Toronto, ON)
Applications of Statistical Process Control in Radiation Medicine

March 27 : Marc-André Fortin (Université Laval, Laval, QC)
Gold-based Radioactive Nanoparticles for Applications in Brachytherapy

April 10 : Shirin Enger (McGill University Health Centre, Montreal, QC)
Rotating Shield Brachytherapy, Detector Development, Micro/Macro Dosimetry, and Everything Inbetween

June 12 : Paolo Russo (University of Naples, Naples, Italy)
Cone Beam Breast CT with Dedicated Scanners

June 26 : Lars Lindvold (Technical University of Denmark, Lyngby, Denmark)
Fiber Optical Coupled Organic Polymer Scintillators