APPENDIX XII.
CONFERENCE & SEMINAR PRESENTATIONS

by members of the Medical Physics Unit : 2016 calendar year (x 97)
(presenter is indicated by an asterisk *)
(the names of staff members of the MPU are underlined, students are indicated by †)

5. L. Montgomery†*, C. Maietta, J. Kildea, Validation of the national system for incident reporting: Radiation treatment, Canadian Organization of Medical Physicists (COMP) 7th annual Winter School on Quality and Radiation Safety in Radiation Oncology, Montebello, Québec, February 07-11, 2016.
11. J. Renaud†*, A. Sarfehnia, J. Seuntjens, Experimental benchmarking of a probe-format calorimeter for use as an absolute clinical dosimeter, 35th annual meeting of European Society for Radiotherapy & Oncology (ESTRO 35), April 29-May 03, 2016, Turin, Italy - abstract OC-0285, one of the five that was selected out of the numerous submitted under physics track - proffered paper; J. Eur. Soc. Radioth. Onc. 119 (Suppl.1), S133 (2016).


33. Y. Zlateva†, J. Seuntjens, I. El Naqa, Stopping power-to-Cherenkov power ratios and beam quality specification for clinical Cherenkov emission dosimetry of electrons: Beam-specific effects and experimental validation, 62nd annual meeting of the Canadian Organization of Medical Physicists (COMP/OCMP), St. John’s, Newfoundland, July 20-23, 2016 - oral presentation at Young Investigator Symposium; Med. Phys. 43(8), 4929 (2016).
35. J. Kildea, S. Enger, R. Maglieri†, L. Mirzakhanian†, C. Vallhagen Dahlgren, J. Dubeau, S. Witharana†, Neutron spectral measurements around a scanning proton beam, 62nd annual meeting of the Canadian Organization of Medical Physicists (COMP/OCMP), St. John’s, Newfoundland, July 20-23, 2016; Med. Phys. 43(8), 4941 (2016).
40. T. Bjarnson, J. Kildea, M. Broeders, Session C1: Quality, safety and regulatory issues in imaging and therapy, 62nd annual meeting of the Canadian Organization of Medical Physicists (COMP/OCMP), St. John’s, Newfoundland, July 20-23, 2016.
41. J. Kildea, A. Joseph†, T. Hijal, Waiting room management for a busy cancer centre, 62nd annual meeting of the Canadian Organization of Medical Physicists (COMP/OCMP), St. John’s, Newfoundland, July 20-23, 2016 - poster.
42. M. Evans, R. Ruo, H. Patrocinio, E. Poon, C.R. Freeman, T. Hijal, W. Parker, TB-ARC: A total body photon ARC technique using a commercially available linac, Annual scientific meeting of the Canadian Radiation Protection Association (CRPA-ARCP), St. John’s, Newfoundland, July 20-23, 2016.


51. L. Mirzakhanián†, H. Bennamkhouf, J. Seuntjens, New formalism correction factors for ionization chambers in the calibration of Leksell gamma knife Perfexion model based on Monte Carlo simulation, 58th annual meeting & exhibition of the American Association of Physicists in Medicine (AAPM), Washington, DC, July 31-August 04, 2016 - TH-AB-201-09.


63. S. Lee†, D. Markel†, G. Hegyi, I. El Naqa, Robustness test of computed tomography textures of lung tissues to varying scanning protocols using a realistic phantom environment, 58th annual meeting & exhibition of the American Association of Physicists in Medicine (AAPM), Washington, DC, July 31-August 04, 2016.


68. S. Faria, I. Alamri†, J. Giuszko, H. Patroconstadopoulos†, A. Diamant, J. Seuntjens, Do we really need customized immobilization devices for modern SBRT in lung cancer?, 30th annual scientific meeting of the Canadian Association of Radiation Oncologists (CARO), “Quality and Safety in Radiation Oncology”, Banff, Alberta, September 14-17, 2016 - poster.


77. V. Fortier†, I.R. Levesque, Comparison of phase processing techniques for quantitative susceptibility mapping. 4th International Workshop on MRI Phase Contrast & Quantitative Susceptibility Mapping – International Society for Magnetic Resonance in Medicine (ISMRM), Graz, Austria, September 26-28, 2016 - poster.

78. A. Licea, Y. Picard, J. Dubeau, S.S. Hakmana Witharana†, J. Kildea, M. Evans, R. Maglieri†, The measurement of neutron energy spectra in different licensed facilities by the Canadian Nuclear Safety Commission using the nested neutron spectrometer, 13th annual meeting of the Task Force on Shielding Aspects of Accelerators, Targets and Irradiation Facilities (SATIF-13), Dresden, Germany, October 10-12, 2016.


80. M-A. Saucier†*, D. Matenine†, P. Déspres, Correction par simulation Monte Carlo de la diffusion pour des images de tomodensitométrie, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

81. J. Ahearn†, J. Kildea. Actual dose delivered to the rectum during prostate radiotherapy, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

82. V. Fortier†*, Implémentation d'un technique de cartographie quantitative de la susceptibilité magnétique basée sur l'imagerie par résonance magnétique pour la segmentation automatique de tissus, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.


85. M-E. Delage†*, M-E. Lecavalier, D. Lariviére, C. Allen, L. Beaulieu, Evaluation de la résistance à la radiation de points quantiques colloidaux utilisés comme scintillateurs, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

86. P. Edimo†*, L. Archambault, L. Beaulieu, Développement d'un modèle de frontière stochastique pour le contrôle de qualité en curiethérapie haut débit de dose, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

87. D. Gourdeau†*, L. Archambault, Développement d'un nouveau test de contrôl'ère de qualité pour la caractérisation des déformations mécaniques des accelerateurs lineaires, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

88. A. Joseph†*, R. Maglieri†, D. Herrera, T. Hijal, L. Hendren, J. Kildea, Opal: The Oncology Portal and Application, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.

89. A. Kroshko†*, M-C. Gagné, N. Varfalvy, L. Archambault, Contrôle de qualité basé sur la géométrie pour la planification en radiothérapie externe par l'analyse de frontières stochastiques, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.
90. L. Montgomery†*, J. Kildea, An evaluation of incident learning using the taxonomy of the Canadian National System for incident reporting: Radiation treatment, Journée étudiante - Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 02, 2016.
91. J. Seuntjens*, APM-IAEA recommendations for small field calibration and relative dosimetry, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.
92. W. Parker*, Commissioning of an arc based photon TBI technique, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.
93. W. Parker*, Evolution of CSI treatment planning at McGill University, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.
94. J. Kildea*, Accumulated dose DVHs calculated from CBCT for prostate patients, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.
95. M. Popovic*, Managing and assessing the need to re-plan head and neck patients, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.
96. M. Evans, W. Parker, R. Ruo, L. Telisma, J. Gluszko, C. Hudon, M. Azoulay, C.R. Freeman, Total body photon arc irradiation: Development and commissioning, Annual meeting of the Association Québécoise des Physicien(ne)s Médicaux Cliniques (AQPMC), Sherbrooke, Québec, December 03, 2016.