APPENDIX X.

PUBLISHED ABSTRACTS

by members of the Medical Physics Unit: 2017 calendar year (x 55)
(names of MPU staff members are underlined, students are indicated by †)


5. G. Famulari†, S. Enger, A novel delivery system for high dose rate intensity modulated brachytherapy with intermediate energy radiation sources such as 192Ir, Brachytherapy 16(3), Suppl S23; Annual Meeting of the American Brachytherapy Society (ABS), Boston, MA, April 20-22, 2017. Oral presentation, abstract.


24. A. Diamant†, JJ. Seuntjens, Large scale comparison between AAA and MC-recalculated lung SBRT cases, 63rd Annual Meeting of the Canadian Organization of Medical Physicists, Ottawa, ON, July 12-15, 2017.


44. L. Mirzakhanian†*, H. Benmakhlouf, J. Seuntjens, Predicting correction factors for reference dosimetry in any phantom material for Leksell gamma knife, 63rd Annual Meeting of the Canadian Organization of Medical Physicists, Ottawa, ON, July 12-15, 2017. General proffered papers - poster presentation; Med. Phys. 44(8), 4387.


48. G. Famulari†, P. Pater, S. Enger, Microdosimetry calculations for monoenergetic electrons using Geant4-DNA combined with a weighted track sampling algorithm, Physica Medica 42(8); International Conference on Monte Carlo Techniques for Medical Applications (MCMA), Naples, Italy; October 15-18, 2017.

49. G. Famulari†, E. Soisson, M. Duclos, S. Enger, Consequences of patient heterogeneities for intermediate-energy sources in post-implant assessment of prostate brachytherapy treatment plans, Physica Medica 42(8); International Conference on Monte Carlo Techniques for Medical Applications (MCMA), Naples, Italy; October 15-18, 2017.

50. X. Wang†, J. Seuntjens, F.M. Vareas, Assessment of RBED electron-impact ionization cross sections for Monte Carlo electron transport, Physica Medica 42(S1), 35; International Conference on Monte Carlo techniques for Medical Applications (MCMA), Naples, Italy; October 15-18, 2017.


