

APPENDIX XV.

INVITED PRESENTATIONS

by members of the Medical Physics Unit : 2005-06 academic year

(in multiple author entries, the author who presented the paper is shown with an asterisk)

1. G.B. Pike, *Imaging the physiology of neuronal activity*, Symposium of the Centre for Research on Language, Mind & Brain (CRLMB), *The neural bases of language: From evolution to treatment*, McGill University, Montreal, Québec, June 03, 2005.
2. G.B. Pike, *Dynamic imaging of blood flow, volume and oxygen metabolism*, Human Brain Mapping - Symposium on Emerging Magnetic Resonance Techniques for Neuroscience, Toronto, Ontario, June 12-16, 2005.
3. E.B. Podgorsak, *Education and Training of Medical Physicists in Canada and the United States: The McGill Experience*, Plenary presentation, Commissariat à l’Energie Atomique, Algiers, Algeria, June 20, 2005.
4. E.B. Podgorsak, *Quality Assurance in Standard Radiotherapy and Stereotactic Radiosurgery*, Colloquium, Université des Sciences et de la Technologie Houari Boumediene (USTHB), Algiers, Algeria, June 21, 2005.
5. S. Devic, *Treatment Planning for HDR Endorectal Brachytherapy: McGill Experience*, Nucletron Workshop: Optimizing HDR Brachytherapy for Interstitial, Intracavitary and Skin, Washington State Convention Center, Seattle, Washington, July 25, 2005.
6. W.A. Parker, *Considerações sobre o Setup do Paciente, Monitoração do Tratamento e Credenciamento de Protocolos*, IAEA Workshop de novas technologies em radioterapia: filtro dinamico e IMRT, Sao Paulo, SP, Brazil, August 17-20, 2005.
7. W.A. Parker, *IMRT: Comissionamento das Máquinas e Controle de Qualidade no TPS*, IAEA Workshop de novas technologies em radioterapia: filtro dinamico e IMRT, Sao Paulo, SP, Brazil, August 17-20, 2005.
8. W.A. Parker, L. Souhami, *IMRT no câncerc da próstata*, IAEA Workshop de novas technologies em radioterapia: filtro dinamico e IMRT, Sao Paulo, SP, Brazil, August 17-20, 2005.
9. W.A. Parker, *Planification inverse pour cancer de la prostate*, Invited faculty – CARO-ACRO (Canadian Association of radiation Oncologists), Victoria, British Columbia, September 7-9, 2005.
10. G.B. Pike, *Physiological basis of fMRI: What is BOLD?*, McConnell Brain Imaging fMRI Seminar Series, Montreal Neurological Institute, Montreal, Québec, September 19, 2005.
11. E.B. Podgorsak, *Overview of Brachytherapy at McGill University*, International Workshop on Conformal Pre-operative Endocavitary Treatment for Locally Advanced Rectal Cancer, Montréal, Québec, Canada, October 7-8, 2005.
12. S. Devic, *Treatment planning for endorectal brachytherapy*, International Workshop on Conformal Pre-operative Endocavitary Treatment for Locally Advanced Rectal Cancer, Montréal, Québec, Canada, October 7-8, 2005.
13. S. Devic, *Treatment planning using “PLATO Brachy and insight”*, International Workshop on Conformal Pre-operative Endocavitary Treatment for Locally Advanced Rectal Cancer, Montréal, Québec, Canada, October 7-8, 2005.
14. F. Verhaegen, *Monte Carlo treatment planning for endorectal brachytherapy*, International Workshop on Conformal Pre-operative Endocavitary Treatment for Locally Advanced Rectal Cancer, Montréal, Québec, Canada, October 7-8, 2005.

15. C. Janicki *The contribution of quantum mechanics to the physics of consciousness and the rise of mind-body complementary and alternative therapies: Quackeries from new age movements or a new medical science?*, Department of Medical Physics, McGill University Health Centre, Montréal, Québec, Canada, October 14, 2005.
16. S. Lehnert, *Radiation sensitizers*, Physics Colloquium, Department of Physics, University of Waterloo, Waterloo, Ontario, November 3, 2005.
17. J.P. Seuntjens, *Methodologies and results of a retrospective Monte Carlo verification and post-treatment evaluation of conformal lung cancer radiotherapy deliveries*, Université Laval, Québec, Québec, November 10, 2005.
18. E.B. Podgorsak, *Vignettes from Medical Physics: Linac target and flattening filter, Absolute dosimetry with extrapolation chamber, Crisis in North American Health Care, Medical Physics and red tape*, Acceptance speech for Lifetime Achievement Award, Fall Meeting of the Upstate New York Chapter of the American Association of Physicists in Medicine (AAPM), Rochester, New York, November 18, 2005.
19. C. Janicki *The contribution of quantum mechanics to the physics of consciousness and the rise of mind-body complementary and alternative therapies: Quackeries from new age movements or a new medical science?*, Inter-university seminar on the History & Philosophy of Science, Concordia University, Montréal, Québec, Canada, November 29, 2005.
20. M.D.C. Evans, *IMRT – A medical physicist’s perspective*, Workshop for the Canadian Nuclear Safety Commission, Ottawa, Ontario, December 2005.
21. J.P. Seuntjens, *Medical physics training at McGill University: Training of medical physicists in North America*, Al-Fateh University, Tripoli, Libya, January 16, 2006.
22. J.P. Seuntjens, *A survey of the role of Monte Carlo transport calculations in clinical medical physics*, Al-Fateh University, Tripoli, Libya, January 17, 2006.
23. J.P. Seuntjens, *Applications of Monte Carlo calculations in advanced dosimetry, treatment planning and the design of novel treatment techniques in radiation therapy*, University of British Columbia, Vancouver, British Columbia, March 31, 2006.
24. E.B. Podgorsak, *Absolute dosimetry with an extrapolation chamber*, John R. Cameron Symposium, University of Wisconsin, Department of Medical physics, Madison, Wisconsin, May 1, 2006.
25. E.B. Podgorsak, *Crisis in health care financing in the U.S. and Canada: A Medical Physicist’s Perspective*, Medical Physics seminar, University of Wisconsin, Department of Medical Physics, Madison, Wisconsin, May 2, 2006.