

## APPENDIX XII

### INVITED PRESENTATIONS

by members of the Medical Physics Unit : 2011 calendar year (x 24)  
(in multiple author entries, the author who presented the paper is shown with an asterisk)

1. G.B. Pike, *Cerebral oxygen comparison during hypercapnia and hypocapnia in humans: Implications for calibrated fMRI*, Max Planck Institute for Human Cognitive & Brain Sciences, Leipzig, Germany, February 08, 2011.
2. C. Janicki, *Fukushima disaster and radiation health risks*, Interview for CJAD Radio (T. Schnurmacher), Montreal, Québec, March 17, 2011.
3. C. Janicki, Interview with P. Toman (Public Relations, McGill University Health Centre) for article *Put your radiation worries to rest, says MUHC Radiation Safety Officer: Nuclear meltdown in Japan will not affect Canadians* (<http://www.thechildren.com/en/news/news.aspx?id=990>), March 17, 2011.
4. C. Janicki, *Fukushima disaster and radiation health risks*, Interview for CJAD Radio (T. McKee, "Health Beat"), Montreal, Québec, March 20, 2011.
5. C. Janicki, *Fukushima disaster and radiation health risks*, Interview for Journal La Presse, Montreal, Québec, March 23, 2011.
6. J. Seuntjens, *Small field dosimetry for IMRT and radiosurgery*, Invited teaching lecture, Annual Meeting - South East Chapter of the American Association of Physicists in Medicine, Myrtle Beach, South Carolina, April 07, 2011.
7. G.B. Pike, *Outstanding issues for calibrated fMRI: Are assumptions about CMRO<sub>2</sub> and CBV correct?* Martinos Centre for Biomedical Imaging, Harvard University, Cambridge, Massachusetts, April 20, 2011.
8. C. Janicki, *Tchernobyl 25<sup>th</sup> anniversary*, Interview for Radio-Canada ("Maisonneuve En Direct"), Montreal, Québec, Montreal, Québec, April 26, 2011.
9. G.B. Pike, *Arterial spin labeling assessment of cerebral blood flow*, Siemens Medical Systems, Erlangen, Germany, May 02, 2011.
10. G.B. Pike, *Brain imaging research at the McConnell Brain Imaging Centre, MNI*, Siemens Medical Systems, Erlangen, Germany, May 03, 2011.
11. G.B. Pike, *Endogenous contrast mechanisms: MT & relaxometry*, Co-moderator - Scientific Session, 19<sup>th</sup> Annual Meeting of International Society of Magnetic Resonance in Medicine (ISMRM), Montreal, Québec, May 10, 2011.
12. E.T. Soisson, *Verification of lung SBRT plans with MMCTP*, 4<sup>th</sup> International Workshop on Recent Advances in Monte Carlo Techniques for Radiation Therapy, Montreal, Québec, June 09, 2011.
13. I. El Naqa, *Monte Carlo role in radiobiological modeling*, 4<sup>th</sup> International Workshop on Recent Advances in Monte Carlo Techniques for Radiation Therapy, Montreal, Québec, June 10, 2011.
14. G.B. Pike, *Gradient echo pulse sequences*, International Society of Magnetic Resonance in Medicine (ISMRM) Global Outreach 2011, Ohrid, Macedonia, June 16, 2011.
15. G.B. Pike, *Introduction to functional fMRI*, International Society of Magnetic Resonance in Medicine (ISMRM) Global Outreach 2011, Ohrid, Macedonia, June 17, 2011.
16. G.B. Pike, *Designing an fMRI experiment*, Engineering session, International Society of Magnetic Resonance in Medicine (ISMRM) Global Outreach 2011, Ohrid, Macedonia, June 18, 2011.
17. J. Seuntjens, *New standards for absorbed dose to water: Current status*, Invited teaching lecture, XIII Radiotherapy Brazilian Society Congress, Rio de Janeiro, June 23, 2011.
18. J. Seuntjens, *Problems associated with small field and IMRT dosimetry*, Invited teaching lecture, XIII Radiotherapy Brazilian Society Congress, Rio de Janeiro, June 24, 2011.
19. J. Seuntjens, *New trends in absorbed dose to water dosimetry protocols*, Invited teaching lecture, XIII Radiotherapy Brazilian Society Congress, Rio de Janeiro, June 24, 2011.
20. C. Janicki, *Hydro Québec smart meters and health risks from electromagnetic fields*, Interview for Radio-Canada ("Desautel"), Montreal, Québec, July 13, 2011.
21. G.B. Pike, *Recent advances in quantitative magnetic resonance neuroimaging research*, Montreal

- 
- Neurological Institute, Montreal, Québec, September 15, 2011.
22. G.B. Pike, *Quantitative functional MRI: Outstanding issues and future directions*, Montreal Neurological Institute, Montreal, Québec, October 19, 2011.
  23. I. El Naqa, *Interfacing physics and biology by advanced computational modeling: Prospects and challenges in radiation oncology*, Carleton University, Ottawa, November 08, 2011.
  24. E.T. Soisson, *Quality assurance of clinical treatment planning: Lung SBRT and its difficulties*, Atelier AQPMC: Contrôles de qualité en radio-oncologie, Hôpital Maisonneuve-Rosemont, Montreal, Québec, November 12, 2011.