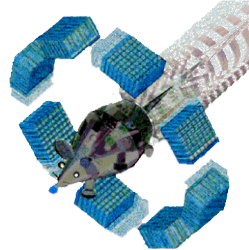# 2005 Nuclear Science Symposium and Medical Imaging Conference

GATE user workshop

Thursday October 27th 2005

Magnolia room, 12:00 – 16:00

12:00 – 12:10	Welcome
12h10 – 12h20	Overview of work involving GATE presented at the IEEE MIC *I. Buvat, U678 Inserm UPMC, Paris, France*
12h20 – 13h10	GATE overview *I. Buvat and S. Jan U678 Inserm UPMC, Paris and CEA - SHFJ Orsay, France*
13h10 – 13h30	Presentation of the working groups in the OpenGATE collaboration *I. Buvat and S. Jan U678 Inserm UPMC, Paris and CEA - SHFJ Orsay, France*
13h30 – 13h50	Monte-Carlo modeling of the microPET R4 small animal PET scanner for coincidence-mode emission and singles-mode transmission data acquisition *E. Vandervoort, M. Camborde, S. Jan and V. Sossi Department of Physics and Astronomy, University of British Columbia, Vancouver, BC, Canada, Pacific Parkinson's Research Centre, University of British Columbia, Vancouver, BC, Canada, CEA - SHFJ Orsay, France*
13h50 – 14h10	Implementation of optical transport in GATE *D.J. van der Laan, M.C. Maas, D.R. Schaart and C.W.E. van Eijk Delft University of Technology, The Netherlands*
14h10 – 14h30	Importance sampling in GATE *J. De Beenhouwer, S. Staelens, Y. D'Asseler and I. Lemahieu Ghent University, Elis Department, Ghent, Belgium*
14h30 – 14h50	Variable size voxels in GATE *R. Taschereau CRUMP Institute for Molecular Imaging, Los Angeles, United States*
14h50 – 15h10	Simplified decay scheme for 124I in GATE *R. Taschereau CRUMP Institute for Molecular Imaging, Los Angeles, United States*
15h10 – 16h00	Discussion between GATE users and OpenGATE members