



PIMS Industrial Short Course

Monte Carlo Methods for Financial Modelling

June 24-25, 2008

CTC TRAIN CANADA, DOWNTOWN CALGARY
SUITE 600, 900-6TH AVE SW

This course will focus on financial engineering applications, but will be relevant to those interested in applying Monte Carlo methods in other areas. Risk managers, quantitative analysts and others who want to use Monte Carlo techniques in their work, will learn how to:

- compute accurate option prices, and hedging parameters
- understand the meaning and reliability of their numbers
- increase efficiency through variance reduction techniques and use of quasi-Monte Carlo methods
- use randomness to measure their risk
- incorporate the latest developments into their current practice.

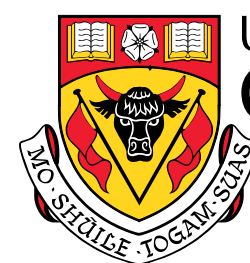
A basic familiarity with option pricing and risk management will be helpful, but not necessary. No computer programming experience will be assumed. Participants will be provided with lecture notes, supplementary reading material and demonstration software that implements the techniques. Scheduled computer lab time will be held each day.

Registration: \$1000 + GST

To register and for detailed information, please visit the webpage below,
or email: pims@ucalgary.ca.

Instructor

Dr. Tony Ware is an Associate Professor and Director of the University of Calgary's Mathematical & Computational Finance Laboratory which works with various local companies including Nexen, TransAlta, Enmax and Direct Energy. He serves on the board for the Calgary chapter of PRMIA. Dr. Ware teaches courses in mathematical and computational finance, and mathematical modelling of energy markets.



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<http://www.pims.math.ca/industrial/2008/08iscmc/index.html>