Department of Mathematics, Statistics and Computer Science
St. Francis Xavier University
Presents

GMDBs versus Quantile Hedging

by
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Variable annuities in the U.S. are similar to the unit-linked annuities in the U.K. and the segregated funds in Canada. Guaranteed minimum death benefits sold as riders on them. What becomes quite popular lately is that these products contain not only simply mutual fund but guarantee as well.

Quantile hedging for contingent claims is an active topic of research in mathematical finance. It play a role in incomplete markets when perfect hedging is not possible. I will talk about introduction of variable annuities, GMDBs and quantile hedging strategy, also I will talk about the connection between insurance products, financial products and mathematics. Finally I will talk about the general stochastic model and the simplest results.

Refreshments will be served before the talk in AX24A