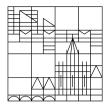
Mini Course





Derivative Pricing and Hedging with GARCH Models and Their Continuous-Time Limits

Prof. Alexandru Badescu (University of Calgary, Canada)

Outline:

The course starts with an introduction to GARCH models and their continuous-time limits, discusses stochastic discount factors and option pricing and hedging with GARCH models and their diffusion limits. Additionally, variance swap (VS) pricing and convergence questions are addressed in detail. The course concludes with presentation of numerical examples and calibration to observed market quotes of various GARCH option pricing models under different pricing rules.

Tuesday, May 22

M0801 15:15 – 18:30 Thursday, May 24 M1001

15:15 – 18:30

Monday, May 28

M0801 17:00 – 18:30 **Invited by**

Lyudmila Grigoryeva Universität Konstanz

Supported by

Graduate School of Decision Sciences

