Practitioner Workshop at QMF 2006
11 December 2006 – Sydney, Australia

Quantitative Finance Research Centre

UNIVERSITY OF TECHNOLOGY SYDNEY

Lessons from Implementations of Basel II and for Solvency II

Abstract

The recognition of state-of-the-art quantitative risk models by regulators is an important part of newer regulations such as Basel II, investments fund regulation (UCITS) and insurance regulation (Solvency II).

This workshop provides a comprehensive treatment of the theoretical concepts, tools and developments in the financial regulation and supervision based on internal models across financial sectors. The challenge in financial regulation and supervision is to balance relevance and reliability. The workshop will equip participants – whether financial risk analysts, actuaries, regulators, traders or fund managers – with tools to assess the quality of their model-based risk management processes. The presenters cover methods across the risk categories: market risk, credit risk, insurance risk underwriting and operational risk modeling, as well as, across the sectors: insurance, banks and investment funds:

- market risk models for the trading book of banks
- the paradigm shift in regulation 1996
- a review of 10 years supervision of internal models
- evaluation of forecast performance via backtesting
- internal ratings based approaches to credit risk
- how to assess rating systems bottom up
- the advanced measurement approach (AMA) to operational risk
- modeling approaches
- first experiences with OpRisk models at banks
- investment funds regulation (UCITS)
- holistic internal models for insurers
- principle-centered regulation
- the state of discussion on Solvency II Europe
- balancing freedom and comparability
- experiences with insurer's models and risk management
- how to assess risk management top down
- regulatory versus economic capital
- process-oriented supervision

The workshop's methodology draws on diverse disciplines, from mathematical finance and actuarial sciences to statistics and stochastic control.

About the presenters:

Gerhard Stahl is Head of the Risk Modelling Group at the BaFin (German Federal Financial Supervisory Authority). He has practiced supervision of internal models at banks since 1995. His group has been responsible for the supervision of internal models across all financial sectors in Germany. Gerhard Stahl is a regular speaker at international risk management conferences.

Stefan Jaschke is a member of Gerhard Stahl's group at BaFin. He has gained substantial experience with the supervision of internal models and is now deeply involved with the development of the Solvency II standards for the regulation of internal models.

Information

This workshop at QMF 2006:
$1,100 (payment on/before 20 Oct 06)
$1,250 (payment made after 20 Oct 06)

Two workshops at QMF 2006:
$2,100 (payment on/before 20 Oct 06)
$2,250 (payment made after 20 Oct 06)

The fee includes GST, morning and afternoon teas, and lunch.

Date & Time
11 December 2006 / 9.00 am - 5.00 pm

Registration
The number of participants is limited so please register for this workshop as soon as possible. Contact the Conference Coordinator to receive a registration form or visit the QFRC website.

Venue
Manly Pacific Sydney, 55 North Steyne, Manly NSW 2095

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