

Dr Tim Rowlands

Dr Tim Rowlands is Director of Research for Credit Risk Systems. He has has over 18 years experience in the financial markets and is widely respected in the Asian Region.

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DIRECTOR RESEARCH

Dr Rowlands leads our quantitative team and is responsible for algorithms and mathematical models used within BoundaryRider. He is the designer of RiderNet, our unique accurate analytic real-time close-out netting algorithm for portfolio credit exposure calculation. He also consults in areas such as model validation/reviews, Basel II calculations and market risk management.

Prior to co-founding Credit Risk Systems, Tim held several senior roles in Trading Risk Management including Head of Treasury Risk Management at the State Bank of NSW. While at the State Bank, Tim's projects included the review and evaluation of risk management software products in London, New York, San Francisco, Vancouver and Sydney for implementation in the dealing room in Sydney.

At another major Australian bank – Westpac -- Tim was Senior Manager responsible for methodologies and policies for market, credit and operational risk across the global operations in financial markets. His projects included the implementation of a new global risk management system that complied with the requirements of the Reserve Bank of Australia arising from the Basle Committee recommendations. He was also involved in the development of a quantitative model for the measurement of operational risk with a view to more realistically reflecting the capital requirements of the business to cover such risk and thus developing a reliable performance measurement system for the operations areas of the business.

Tim is often invited to speak at Risk conferences including several Risk Magazine conferences in Sydney, Hong Kong and Tokyo. He has also lectured at risk management training courses in Singapore and Kuala Lumpur and locally for staff from the Reserve Bank of Australia and Coopers and Lybrand, for students of the SIA Diploma Course and students at the University of Technology, Sydney (UTS).

Tim has a degree with first class honours in Science from the University of Tasmania and a PhD in Theoretical Chemistry from Cambridge University in the UK.

