mathematics & finance: RiO Research in Options

Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Adriano De Cezaro***, **Fundação Universidade do Rio Grande**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Calibration of Local Volatility Surface by Iterative Methods***"

Angra dos Reis, December 1, 2011.

Jorge Zubelli
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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Alexandru Hening***, **University of California at Berkeley**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Killed Brownian Motion with a Prescribed Lifetime Distribution and Models of Default***"

Angra dos Reis, December 1, 2011.

Jorge Zubelli
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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Andreea Minca***, **Cornell University**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*Controlled defaults in financial networks*"**

Angra dos Reis, December 1, 2011.

Jorge Zubelli
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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Bruno Dupire***, **Bloomberg - NY**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***A New Approach to Volatility Derivatives***"

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Carole Bernard***, **University of Waterloo**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*Minicourse - Optimal Portfolio Selection / Talk: Optimal investment under state-dependent constraints*"**

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Chin-Hung Terence Ma***, **African Institute for Mathematical Sciences**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*Repo 2008*"**

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Diane Wilcox***, **University of The Witwatersrand**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **“*Autocorrelation and price impact in high frequency trades on the Johannesburg and Sao Paulo Stock Exchanges*”**

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Edgardo Brigatti***, **Universidade Federal do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*An hedged Monte Carlo approach for option pricing*"**

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Fabiana Travessini***, **Fundação Universidade do Rio Grande**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*The Optimal Stopping Time in American Options: A Level Set Approach*"**

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Jean-Pierre Fouque***, **University of California Santa Barbara**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Smile at the Boundary Layer.***"

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

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We hereby certify that, ***John Chadam***, **University of Pittsburgh**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **“*The inverse first crossing problem*”**

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Juan Carlos Arismendi Zambrano***, **Univ. of London**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Multiasset garch option pricing model***"

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Juliano Melquiades Vianello***, **Petróleo Brasileiro S/a**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: “***Real Options Used in Projects of Industrial Unit Divided in Independent Subdivisions***”

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Julien Guyon***, **Societe Generale**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*The smile calibration problem solved*"**

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Lane Hughston***, **Imperial College London**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***General Theory of Geometric Lévy Models for Dynamic Asset Pricing***"

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Leonard Christopher Gordon Rogers***, **University of Cambridge**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Market Selection: Hungry Misers and Happy Bankrupts***"

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

CERTIFICATE

We hereby certify that, ***Luiza Miranyan***, **Bloomberg - NY**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*On incorporating forward looking market data into linear multi-factor models*"**

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Marcela Lobo Francisco***, **Universidade Gama Filho**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Real Options Used in Projects of Industrial Unit Divided in Independent Subdivisions***"

Angra dos Reis, December 1, 2011.

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CERTIFICATE

We hereby certify that, ***Martin Schweizer***, **Swiss Federal Institute of Technology**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Stability aspects in absence of arbitrage conditions***"

Angra dos Reis, December 1, 2011.

Jorge Zubelli
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CERTIFICATE

We hereby certify that, ***Matheus Grasselli***, **Mcmaster University**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: ***"Minicourse - Understanding financial crisis - a statistical perspective / Talk: A dynamical systems model for credit expansion, asset price bubbles and financial fragility"***

Angra dos Reis, December 1, 2011.

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Bay of Angra dos Reis, Rio de Janeiro, Brazil - November 25th to December 1st, 2011

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We hereby certify that, ***Nicholas Westray***, **Imperial College London**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Minicourse - Applications of Stochastic Control in Algorithmic Trading / Talk: Global Markets Microstructure***"

Angra dos Reis, December 1, 2011.

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We hereby certify that, ***Raphael Douady***, **Université Paris I - Sorbonne**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: "***Nonlinear Polymodels and the StressVaR: New Risk Concepts for Fund Allocation***"

Angra dos Reis, December 1, 2011.

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We hereby certify that, ***Roger Lee***, **University of Chicago**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **“*Joint strike/expiry asymptotics of implied volatility*”**

Angra dos Reis, December 1, 2011.

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We hereby certify that, ***Sandrine Tobelem-foldvari***, **London School of Economics and Political Science**, participated in the Mathematics & Finance: Research in Options, held at Hotel do Bosque, Angra dos Reis - RJ, from November 25 to December 1, 2011 and presented the following work: **"*Non Linear Robust Asset Allocation*"**

Angra dos Reis, December 1, 2011.

Jorge Zubelli
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