

mathematics & finance:
RiO
Research in Options
Búzios, Rio de Janeiro, Brazil - December 07th to 12th, 2012

CERTIFICATE

We hereby certify that, **Adriano De Cezaro**, **Fundação Universidade do Rio Grande**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

A handwritten signature in black ink, appearing to read 'JZ' or similar, written over a light background.

Jorge Zubelli
Organizing Committee



We hereby certify that, **Álvaro Felipe Macías Araya**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
Organizing Committee



We hereby certify that, **Ana Beatriz Vieira de Mattos**, Pontifícia Universidade Católica do Rio de Janeiro, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
Organizing Committee



We hereby certify that, **Andrea Micheli Alzuguir**, **Pontifícia Universidade Católica do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
Organizing Committee



We hereby certify that, **Antonio Augusto Cardoso Correia**, **Uae University**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
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We hereby certify that, **Ariel Levy, Universidade Federal Fluminense**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
Organizing Committee



We hereby certify that, **Bruno Bernardes, Banco Santander, Sa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Carlos Eduardo Vieira**, Instituto Politécnico do Rio de Janeiro, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
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We hereby certify that, **David Evangelista da Silveira Junior**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Diego Andres de Barros Lima Barbosa**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Edgardo Brigatti, Universidade Federal do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Fabiana Travessini**, **Fundação Universidade do Rio Grande**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
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We hereby certify that, **Fernando A L Aiube**, **Petróleo Brasileiro S/a**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Francisco I. S. Ganacim**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Guilherme Ferreira Pelúcio Salomé**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Guilherme Macedo Lamacie, Bm&Fbovespa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Jorge P. Zubelli**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Leonardo Vicchi**, **Universidad Torcuato di Tella**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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Jorge Zubelli
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We hereby certify that, **Lira Rocha da Mota, Fundação Getúlio Vargas**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Luca Philippe Mertens, Bm&Fbovespa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Lucas Farias Lima, Ibmec Business School**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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support:



We hereby certify that, **Lucio Ladislao Rodriguez**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Marcelo Toews Romero Silva**, Planner Corretora, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Marcos Costa Santos Carreira, Bm&Fbovespa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, ***Maria Rodrigues Nogueiras***, **Unidad de Riesgos y Actividades de Mercado**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Max Oliveira de Souza, Universidade Federal Fluminense**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Nara Bobko**, **Instituto de Matematica Pura e Aplicada**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

A handwritten signature in black ink, appearing to read 'JZ' with a stylized flourish.

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support:



We hereby certify that, **Osvaldo Paulo Israel Cancado Assunção**, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Pedro Macharoto**, **Uae University**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



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We hereby certify that, **Priscila do Nascimento Franco, Banco Santander, Sa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Rogério de Assis Medeiros**, Instituto de Matemática e Estatística, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, ***Roseane Alves de Souza Albani***, **Universidade Federal do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



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We hereby certify that, ***Sergio Alvares Rodrigues de Souza Maffra***, Uae University, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, ***Tereza Cristina Amorelli Coelho***, Instituto de Matematica Pura e Aplicada, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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We hereby certify that, **Thalita Josilene Franklin Leite, Bm&Fbovespa**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



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We hereby certify that, **Thiago Steiner Alfeu**, **Universidade Federal do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



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We hereby certify that, **Vitor Emanuel Morato de Oliveira, Ibmec Business School**, participated in the Mathematics & Finance: Research in Options, held at Hotel Atlântico, Búzios - RJ, from December 7 to 12, 2012.



Búzios, December 12, 2012.

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