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We hereby certify that, **Alessandro Paulo de Oliveira**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Fernando A L Aiube**, **Universidade do Estado do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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A handwritten signature in black ink, appearing to read 'JZ'.

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We hereby certify that, **Marco Avellaneda**, Courant Institute of **Mathematical Sciences**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, ***Marta Monteiro da Costa Cruz***, **Universidade Federal do Espirito Santo**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Matheus Grasselli, McMaster University**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Matheus Pimentel Rodrigues, USP - Escola Politécnica**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Max Oliveira de Souza**, **Universidade Federal Fluminense**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Melba Luz Torres Ortiz, Instituto de Matemática e Estatística**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Oscar Javier López Alfonso**, **Universidad Nacional de Colombia**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Pedro Angelo Medeiros Fonini**, **Universidade Federal do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Rafael Serrano Perdomo**, **Universidad del Rosario**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Ryan Donnelly**, **University of Washington**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Sebastian Jaimungal, University of Toronto**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Teemu Pennanen, King's College London**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, ***Tereza Cristina Amorelli Coelho***, Instituto Nacional de Matemática Pura e Aplicada, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Thiago Trabach da Cunha, Fundação Getúlio Vargas**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Thomaz Fraga**, **Pontifícia Universidade Católica do Rio de Janeiro**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Uladzislau Stazhynski, École Polytechnique**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Uwe Schmock, Vienna University of Technology**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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We hereby certify that, **Vinícius Viana Luiz Albani**, **Universidade Federal de Santa Catarina**, participated in the Mathematics & Finance: Research in Options 2017, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 25th to 30th, 2017.

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