



Mathematics in the Americas
Matemáticas en las Américas

Matemática nas Américas

Preparando o Mathematical
Congress of the Americas

IMPA - Rio de Janeiro 16 e 17 de maio de 2011

CERTIFICADO

We hereby certify that, **Alf Onshuus, Universidad de Los Andes-Colombia**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: “**The algebraic numbers definable in complex exponential fields.**”

Rio de Janeiro, May 17, 2011.

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Organizing Committee



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We hereby certify that, **Brian Conrey, American Stock Exchange**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "***L-functions and random matrix theory***"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Carlos A. Di Prisco, Instituto Venezolano de Investigaciones Científicas**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work:
“Ramsey properties of sets of real numbers.”

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Carlos Montenegro, Universidad de Los Andes-Colombia**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**The Colombian bid**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Geraldo Nunes Silva, Universidade Estadual Paulista - São José do Rio Preto**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work:
“Dynamical Inclusions in Time Scales: Compactness and Existence of Solutions”

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Isabel Dotti, Universidad Nacional de Córdoba**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**Geometric structures on nilmanifolds. Some algebraic restrictions.**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Jaime San Martín, Universidad de Chile**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**The inverse M -matrix problem**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Javier Bracho, Instituto de Matematicas, Univ. Nac. Autonoma de Mexico**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: “**A Helly type theorem for abstract projective geometries**”

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **José Alexander Ramírez González, Universidad de Costa Rica**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: “**Universality for Wigner Matrices**”

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Jose Antonio de la Peña, Universidad Nacional Autónoma de México**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**The Mexican bid**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Luis Miguel Torres, Escuela Politecnica Nacional**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: “**Optimization at 2,800m: Introducing the RGO at EPN-Quito**”

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Luis Ramiro Piñeiro Díaz, Universidad de la Habana**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**Aproximación racional y ortogonalidad**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Robert Bryant, University of California at Berkeley**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**The Affine Bonnet Problem**"

Rio de Janeiro, May 17, 2011.

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We hereby certify that, **Walter Ferrer, Universidad de la Republica**, participated in the Matemática nas Américas, held at IMPA, Rio de Janeiro - RJ, from May 16 to 17, 2011 and presented the following work: "**Integral methods vs differential methods in invariant theory**"

Rio de Janeiro, May 17, 2011.

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