



CERTIFICATE

celebrating Carlos Humes Jr.'s 70th birthday

XI Brazilian Workshop on Continuous Optimization

Manaus, Amazonas, Brazil

May 22nd to 27th, 2016

We hereby certify that, **Alfredo Iusem**, Instituto Nacional de Matemática Pura e Aplicada, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Extragradient methods for stochastic variational inequalities: convergence results and complexity analysis**”.

Manaus, May 27th, 2016

Alfredo N. Iusem
Organizing Committee

support





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We hereby certify that, **Benar Fux Svaiter**, Instituto Nacional de Matemática Pura e Aplicada, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Iteration-complexity of a Rockafellar's proximal method of multipliers for convex programming based on second-order approximations**”.

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We hereby certify that, **Boris Mordukhovich, Wayne State University**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Optimal Control of the Sweeping Process**”.

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We hereby certify that, ***Claudia Sagastizábal***, Instituto Nacional de Matemática Pura e Aplicada, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: **“Primal-Dual Methods in Stochastic Programming with Application to Energy Problems”**.

Manaus, May 27th, 2016

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We hereby certify that, **Ernesto G. Birgin**, Instituto de Matemática e Estatística, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Evaluation Complexity for Nonlinear Constrained Optimization Using Unscaled KKT Conditions and High-Order Models**”.

Manaus, May 27th, 2016

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We hereby certify that, **Immanuel Bomze, University of Vienna**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: **“Tightening Dual Bounds for QCQPs by Copositivity”**.

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We hereby certify that, **José Mario Martínez, IMECC**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**A variable-norm trust-region method for unconstrained minimization and its cubic-regularization version**”.

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We hereby certify that, **Juan Enrique Martínez-Legaz**, **Universitat Autònoma de Barcelona**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: **“On the Voronoi mapping”**.

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We hereby certify that, **Mikhail Solodov**, Instituto Nacional de Matemática Pura e Aplicada, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Critical Solutions of Nonlinear Equations**”.

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We hereby certify that, **Renato D C Monteiro**, **Georgia Institute of Technology**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Regularized HPE-type methods for solving monotone inclusions with improved pointwise iteration-complexity bounds and their regularized ADMM variants**”.

Manaus, May 27th, 2016

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We hereby certify that, **Roberto Cominetti**, **Universidad Adolfo Ibáñez**, participated in the XI Brazilian Workshop on Continuous Optimization. Celebrating Carlos Humes Júnior's 70th birthday held at Manaus - Amazonas, from May 22 to 27, 2016 and presented a plenary talk: “**Optimal convergence rates for Karsnoselskii-Mann fixed-point iterations**”.

Manaus, May 27th, 2016

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