



# CERTIFICATE

We hereby certify that, Ademir Ribeiro (Federal University of Paraná), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Sparse optimization via cardinality constraints”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Alexandre Street (PUC-Rio - LAMPS), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Application-Driven Learning: A Closed-Loop Prediction and Optimization Approach Applied to Dynamic Reserves and Demand Forecasting”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)

Organizing Committee





# CERTIFICATE

We hereby certify that, Bernardo Costa (FGV EMaP), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Dual SDDP for Risk-averse problems”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)

Organizing Committee





# CERTIFICATE

We hereby certify that, Carina Moreira Costa (Federal Institute of Paraná), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Mixed-Integer Programming Techniques for the Minimum Sum-of-Squares Clustering Problem”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Carolina Monteiro (PSR Inc), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A stochastic optimization model for the sugarcane production chain with focus on biofuels”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Daiana dos Santos (Federal University of São Paulo), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Strong global convergence properties of an Augmented Lagrangian method for symmetric cones”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, David A. Hulett (University of Vienna), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A second order system with asymptotically vanishing and Hessian-driven damping terms attached to a monotone inclusion problem”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Deepak Singh (National Institute of Technical Teachers Training and Research of India), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Proximal contractions and its applications to engineering and science through minimization problems”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)

Organizing Committee







# CERTIFICATE

We hereby certify that, Di Liu (Institute for Pure and Applied Mathematics), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A finitely convergent circumcenter method for the convex feasibility problem”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Douglas Gonçalves (Federal University of Santa Catarina), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Semi-norm regularized Gauss-Newton for non-zero residue nonlinear least-squares: convergence analysis and applications”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Evelin Krulikovski (Federal University of Paraná), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A hybrid direct search and projected simplex gradient method for convex constrained minimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Felipe Lara (Universidad de Tarapacá), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On the minimization of the sum of two nonconvex functions with applications”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Francisco Sobral (Public University in Maringá), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Low Order-Value Derivative-free optimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Gabriel Grillo (University of Campinas), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Inexact FISTA-like methods with backtracking and applications”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Glaydston Bento (Federal University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “An approach to Busemann functions in Optimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Guilherme Bodin (PSR Inc), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Progressive Hedging decomposition applied to the scheduling of LNG nominations for a Brazilian thermal power plant”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Harry Oviedo (Universidad Adolfo Ibáñez), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On the worst-case complexity analysis of line-search methods on manifolds”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Jefferson Melo (Federal University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Proximal Gradient Method for Multiobjective Optimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, João Carlos Souza (Federal University of Piauí), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “DC algorithms and image denoising”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Joaquim Dias Garcia (PSR Inc), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A multicut approach to compute upper bounds for risk-averse SDDP”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Jon Lee (University of Michigan), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Branch-and-bound for D-Optimality with fast local search and variable-bound tightening”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Kelvin Couto (Federal Institute of Goiás and University of São Paulo), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Constraint qualifications and strong global convergence properties of an augmented Lagrangian method on Riemannian manifolds”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Leandro Prudente (Federal University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A quasi-Newton method with Wolfe line searches for multiobjective optimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Leonardo Secchin (Federal University of Espírito Santo), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On extended notions of Lagrange multipliers and the boundedness of dual sequences generated by augmented Lagrangian methods”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Luis Felipe Bueno (University of Campinas), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A Jacobi-type Newton method for Nash equilibrium problems with descent guarantees”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Luiz-Rafael Santos (Federal University of Santa Catarina), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Basis pursuit by infeasible alternating projections”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Maicon M. Alves (Federal University of Santa Catarina), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Variants of the A-HPE and large-step A-HPE algorithms for strongly convex problems with applications to accelerated high-order tensor methods”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Mariana da Rosa (University of Campinas), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On the penalty parameter in Augmented Lagrangian methods”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Mauricio Louzeiro (University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “A projected subgradient method for the computation of adapted metrics for dynamical systems”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Mauricio Sicre (Federal University of Bahia), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “An inertial degenerate preconditioned HPE method for solving the monotone inclusion problem: complexity analysis and applications”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Max Gonçalves (Federal University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Subsampled cubic regularization method for finite-sum minimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Mituhiro Fukuda (Federal University of ABC), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Numerical studies on continuous approximations of a cone in an augmented Lagrangian method for nonlinear conic optimization”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)

Organizing Committee





# CERTIFICATE

We hereby certify that, Orizon Ferreira (Federal University of Goiás), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On projection mappings and the gradient projection method on hyperbolic space forms”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Raphaël Tinarrage (FGV EMap), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “LieDetect: Detection of representation orbits of compact Lie groups from point clouds”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Ray G. Serra (Federal University of Piauí), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Convergence properties of proximal point iterations in Hilbert spaces”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Renan William Prado (Univeristy of São Paulo), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Acerca da obtenção das condições complementary approximate Karush-Kuhn-Tucker e aplicações algorítmicas”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Roberto Andreani (University of Campinas), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Weak notions of nondegeneracy in nonlinear semidefinite programming”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that, Roger Behling (Federal University of Santa Catarina), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “Circumcentric directions of cones”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that, Yunier Bello Cruz (Northern Illinois University), participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024 and presented the following Contributed Talk: “On the Finite Convergence of Alternating Projections”.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee

