



# CERTIFICATE

We hereby certify that ADRIAN FILIPE (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that AIRTON GUSTAVO VIANA DA SILVA (UNIVERSIDADE FEDERAL FLUMINENSE) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that ANA JÚLIA AMARO (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that BEATRIZ LAIATE (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that BEATRIZ MIRANDA (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that BENAR FUX SVAITER (IMPA) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that BOUBACAR BARRY (GUINEA MATHS OPTIMIZATION) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that CAIO PEIXOTO (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that CARLILE LAVOR (UNICAMP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that CARLOS CESAR DE OLIVEIRA FONSECA (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that DANIEL AMBROSIM FALQUETO (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that DEBORA DE OLIVEIRA MEDEIROS (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that DIAULAS MARCONDES (INSTITUTO DE MATEMÁTICA E ESTATÍSTICA - USP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that DOMINIQUE DE AZEVEDO (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that EDUARDO ADAME SALLES (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that FERNANDA M PEREIRA (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that GUSTAVO MURILO C. CARVALHO (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that IAGO RIVEIRO SANTOS DUTRA (FGV EMAp) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JAIRON HENRIQUE NOIA (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JANAINA NERES EVANGELISTA (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JEAN BELLIENI (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JEAN CARLOS A. MEDEIROS (UNIVERSIDADE ESTADUAL DE CAMPINAS) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JOÃO HENRIQUE DALLAGO DOS SANTOS (UFSC) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JOÃO VICTOR PEREIRA OLIVEIRA (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that JOSÉ MARIO MARTINEZ PEREZ (UNICAMP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JUAN DANIEL COPACONDO MAMANI (UNIVERSIDADE DE SÃO PAULO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JUAN SEBASTIÁN CASTAÑO FRANCO (UNIVERSIDADE DE SÃO PAULO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JÚLIA GUIZARDI (UNIVERSIDADE DE SÃO PAULO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that JULIANA CARVALHO (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that KAUAN KEVEM SOUZA FARIAS (FGV EMAp) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that LENNIN MALLMA RAMIREZ (UFRJ) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that LINDSEY DE VARGAS AZEVEDO (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that LUCAS MOTTA FREIRE (UNIVERSIDADE DE SÃO PAULO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that MANOEL JARDIM (IMPA) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that MARCIA FAMPA (UFRJ) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that MARCOS PAULO LEANDRO DE OLIVEIRA (UFRJ) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that NELSON MACULAN (FEDERAL UNIVERSITY OF RIO DE JANEIRO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that PABLO ANDRADE CARVALHO BARROS (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that PAULA CRISTINA ROHR ERTEL (UNIVERSIDADE DE SÃO PAULO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that RAFAEL BENCHIMOL KLAUSNER (PUC-RIO) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that RAMYRO CORREA AQUINAS (FGV EMAP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that RODOLFO ROCHA (UERJ) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that RUAN FELIPE DA SILVA E SOUSA (UFRJ) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that SANDRA MALTA (LNCC) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that SHARON PRADO (FGV EMaP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that SILAS ROCHA DA COSTA (FGV EMaP) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)

Organizing Committee





# CERTIFICATE

We hereby certify that SOLEDAD ARONNA (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that VINCENT GUIGUES (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that WELLINGTON JOSÉ LEITE DA SILVA (FGV EMap) participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that TOTAIS () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee





# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee







# CERTIFICATE

We hereby certify that () participated in the XIV Brazilian Workshop on Continuous Optimization held at FGV, Rio de Janeiro, March 4 – 9, 2024.

Rio de Janeiro, March 8, 2024.

Alfredo Iusem (chair)  
Organizing Committee

