Nelson Chibeles Martins
Researcher, Assistant Professor
DM - Departamento de Matemática
CMA - Centro de Matemática e Aplicações
Email: npm@fct.unl.pt
Phone: 212948388

Employment

Assistant Professor
DM - Departamento de Matemática
Universidade NOVA de Lisboa
Portugal
3 Oct 2005 → present

Integrated member (PhD)
Researcher
CMA - Centro de Matemática e Aplicações
Universidade NOVA de Lisboa
Portugal
11 Oct 1997 → present

Research outputs

Teaching courses to STEM students: Lessons learned from the Pandemics
Chibeles-Martins, N. & Afonso, L. B., Jan 2023, *33rd European Symposium on Computer Aided Process Engineering.* Kokossis , A. C., Georgiadis , M. C. & Pistikopoulos , E. (eds.). Amsterdam: Elsevier BV, p. 3507-3512 6 p. (Computer Aided Chemical Engineering; vol. 52).

Teaching courses heavily dependent on computational resources to STEM students during Pandemics
Chibeles-Martins, N. & Afonso, L. B., 2022, *32nd European Symposium on Computer Aided Process Engineering.* Montastruc, L. & Negny, S. (eds.). Amsterdam: Elsevier BV, p. 1687-1692 6 p. (Computer Aided Chemical Engineering; vol. 51).

A Bi-objective two step Simulated Annealing Algorithm for Production Scheduling
Chibeles-Martins, N., Marques, A. & Pinto-Varela, T., 1 Oct 2017, *Computer Aided Chemical Engineering.* Elsevier BV, Vol. 40. p. 1351-1356 6 p. (Computer Aided Chemical Engineering; vol. 40).

A multi-objective meta-heuristic approach for the design and planning of green supply chains - MBSA
Chibeles-Martins, N., Pinto-Varela, T., Barbosa-Póvoa, A. P. & Novais, A. Q., 1 Apr 2016, In: Expert Systems with Applications. 47, p. 71-84 14 p.

Multi-objective meta-heuristic approach supported by an improved local search strategy for the design and planning of supply chain networks
Chibeles Martins, N., 1 Jan 2014, *Computer-Aided Chemical Engineering.* p. 313–318

A Simulated Annealing Algorithm for the Design and Planning of Supply Chains with Economic and Environmental Objectives
Chibeles Martins, N., 1 Jan 2012, *Computer Aided Chemical Engineering.* p. 21-25

A Simulated Annealing Approach for the BiObjective Design and Scheduling of Multipurpose Batch Plants
Chibeles-Martins, N., Pinto-Varela, T., Barbósa-Póvoa, A. P. & Novais, A. Q., 20 Jun 2011, In: Computer Aided Chemical Engineering. 29, p. 865-869 5 p.

A Simulated Annealing Approach for the Bi- Objective Design and Scheduling of Multipurpose Batch Plants
Chibeles Martins, N., 1 Jan 2011, *COMPUTER-AIDED CHEMICAL ENGINEERING.* p. 865-869

A Meta-Heuristics Approach for the Design and Scheduling of Multipurpose Batch Plants
Chibeles Martins, N., 1 Jan 2010, *Computer-Aided Chemical Engineering.* Pierucci, S. & Ferraris, B. (eds.). SARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS: ELSEVIER SCIENCE BV, Vol. 28. p. 1315-1320

Awards

Otimização de serviços de assistência social ao domicílio
Gomes, M. I. A. R. (Principal Investigator (PI)), Martins, N. C. (Team Member), Lourenço, L. L. L. C. P. (Team Member) & Gonçalves, G. M. M. D. S. (Team Member)
Fundação para a Ciência e a Tecnologia: €79,081.92, Portugal 2020 (FEDER): €52,721.28
2/07/25 → 30/06/28