

Thursday, September 7

| period      | Session | Session Organizer   | Session Title  | Session Chair       | Presenting Author             | Presentation Title  | Room   |
|-------------|---------|---------------------|--|---------------------|-------------------------------|---|--------|
| 13:50-15:05 | TB1     | Paula Amaral        | Copositive Optimization I                                    | Paula Amaral        | Markus Gabl                   | Copositive Approach to adjustable robust optimization   | 6.2.50 |
|             |         |                     |  |                     | Michael Kahr                  | Quadratic optimization with uncertainty in the objective function   |        |
|             |         |                     |  |                     | Justo Puerto                  | An exact copositive representation for the Discrete Ordered Median Problem                                |        |
|             | TB2     | Domingos M. Cardoso | Graphs and Optimization                                      | Domingos M. Cardoso | Jorge Orestes Cerdeira        | The train frequency compatibility problem   | 6.2.49 |
|             |         |                     |  |                     | Carlos J. Luz                 | A semidefinite programming approach to the 2-club problem   |        |
|             |         |                     |  |                     | Domingos M. Cardoso           | Lexicographic polynomials of graphs   |        |
|             | TB3     | Livia Susu          | Variational Inequalities and PDE-Constrained Optimization II | Livia Susu          | Dehan Chen                    | Ill-posed backward nonlinear hyperbolic evolution Maxwell's equations                                     | 6.2.48 |
|             |         |                     |  |                     | Florian Kruse                 | Total variation regularization of multi-material topology optimization                                    |        |
|             |         |                     |  |                     | Philip Trautmann              | Inverse Point Source Location With The Helmholtz Equation   |        |
|             | TB4     | Margherita Porcelli | Derivative Free Optimization                                 | Margherita Porcelli | Anne Auger                    | Rethinking the Benchmarking of Derivative Free Optimizers   | 6.2.47 |
|             |         |                     |  |                     | Ana Luísa Custódio            | MultiGLODS: Global and Local Multiobjective Optimization using Direct Search                              |        |
|             |         |                     |  |                     | Margherita Porcelli           | Optimizing structured problems without derivatives and other new developments in the BFO package          |        |
|             | TB5     |                     | Clustering   | Graça Gonçalves     | Stefano Benati                | q-vars: a new heuristic to select the relevant features for clustering                                    | 6.2.46 |
|             |         |                     |  |                     | Antonio Manuel Rodríguez-Chía | New results in clustering data that are connected through a network                                       |        |
|             |         |                     |  |                     | Graça Gonçalves               | Comparative study of mathematical formulations for the K clusters with fixed cardinality problem          |        |
|             | TB6     |                     | Facility Location  | Isabel Correia      | Manuel Vieira                 | A continuous formulation for the multi-row facility layout problem with rectilinear distances             | 6.2.45 |
|             |         |                     |  |                     | Algirdas Lancinskas           | Ranking-based random search algorithm for discrete competitive facility location                          |        |
|             |         |                     |  |                     | Isabel Correia                | A dynamic capacitated location problem with modular capacity adjustments and flexible demand satisfaction |        |