

# Pierluigi Mansueto

PhD Student of [Information Engineering](#) at the [Information Engineering Department](#) of [University of Florence](#).



My research interests are machine learning, optimization applications and other topics related to them. In particular, my principal addressed problems are protein folding, anomaly detection and clustering.

## Publications

1. Pareto Front Approximation through a Multi-objective Augmented Lagrangian Method.  
G. Cocchi, M. Lapucci, P. Mansueto.  
*EURO Journal on Computational Optimization* (2021).  
DOI: [10.1016/j.ejco.2021.100008](https://doi.org/10.1016/j.ejco.2021.100008).
2. Memetic differential evolution methods for clustering problems.  
P. Mansueto, F. Schoen.  
*Pattern Recognition* (2021).  
DOI: [10.1016/j.patcog.2021.107849](https://doi.org/10.1016/j.patcog.2021.107849).
3. Recognition of Concordances for Indexing in Digital Libraries.  
S. Marinai, S. Capobianco, Z. Ziran, A. Giuntini, P. Mansueto.  
*Digital Libraries: The Era of Big Data and Data Science* (2020).

DOI: [10.1007/978-3-030-39905-4\\_14](https://doi.org/10.1007/978-3-030-39905-4_14).

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## Talks

- [EUROPT 2021, Toulouse \(virtual\) – Pareto Front Approximation through a Multi-objective Augmented Lagrangian Method](#)

## Contacts

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