

Giulio Galvan

PhD Student in *Ingegneria dell'Informazione* at [Dipartimento di Ingegneria dell'Informazione, Università degli Studi di Firenze](#). My research interests are machine learning, neural networks, large-scale and non-linear optimization.



Publications

- On the convergence of inexact augmented Lagrangian methods for problems with convex constraints. G. Galvan & M. Lapucci. *Operations Research Letters* 2019. (<https://doi.org/10.1016/j.orl.2019.03.006>)
- An Alternating Augmented Lagrangian method for constrained nonconvex optimization. G. Galvan, M. Lapucci, T. Levato & M. Sciandrone. *Optimization Methods and Software* 2019. (<https://doi.org/10.1080/10556788.2019.1576177>)
- Biomarkers of erosive arthritis in systemic lupus erythematosus: Application of machine learning models. Ceccarelli F, Sciandrone M, Perricone C, Galvan G, Cipriano E, et al. *PLOS ONE* 2018. (<https://doi.org/10.1371/journal.pone.0207926>)
- Machine learning methods for short-term bid forecasting in the renewable energy market: A case study in Italy. Cocchi G, Galli L, Galvan G, Sciandrone M, Cantù M, Tomaselli G. *Wind Energy*. 2018;1–15. (<https://doi.org/10.1002/we.2166>)

- Prediction of chronic damage in systemic lupus erythematosus by using machine-learning models. Ceccarelli F, Sciandrone M, Perricone C, Galvan G, Morelli F, et al. PLOS ONE 2017. (<https://doi.org/10.1371/journal.pone.0174200>).

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Talks

- ISMP 18 – An Alternating Augmented Lagrangian method for constrained nonconvex optimization. ([slides.pdf](#))

Contacts

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