

# Alessio Sortino

I am a PhD Student in [Information Engineering](#) at [Dipartimento di Ingegneria dell'Informazione, Università degli Studi di Firenze](#).



My research interests are on large-scale and nonlinear optimization, black-box optimization, bilevel optimization, machine learning and neural networks.

## Publications

1. An Effective Procedure for Feature Subset Selection in Logistic Regression Based on Information Criteria.  
E. Civitelli, M. Lapucci, F. Schoen and A. Sortino.  
*Computational Optimization and Applications*, 2021.  
DOI: [10.1007/s10589-021-00288-1](https://doi.org/10.1007/s10589-021-00288-1)
2. Comprehensive Disease Control in Systemic Lupus Erythematosus.  
F. Ceccarelli, G. Olivieri, A. Sortino, M. Lapucci, M. Sciandrone et al.  
*Seminars in Arthritis and Rheumatism*, 2021.  
DOI: [10.1016/j.semarthrit.2021.02.005](https://doi.org/10.1016/j.semarthrit.2021.02.005)
3. Injury risk assessment based on pre-crash variables: the role of closing velocity and impact eccentricity.  
L. Di Gangi, M. S. Gulino, A. Sortino and D. Vangi.  
*Accident Analysis and Prevention*, 2021.  
DOI: [10.1016/j.aap.2020.105864](https://doi.org/10.1016/j.aap.2020.105864)
4. An Efficient Optimization Approach for Best Subset

Selection in Linear Regression, with Application to Model Selection and Fitting in Autoregressive Time-Series.

L. Di Gangi, M. Lapucci, F. Schoen and A. Sortino.  
*Computational Optimization and Applications*, 2019.

DOI: [10.1007/s10589-019-00134-5](https://doi.org/10.1007/s10589-019-00134-5)

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## Talks

- [EUROPT 2021, Toulouse \(virtual\) – Sparse RBF Regression for the Optimization of Noisy Expensive Functions](#)

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