

Federica Stolf

University of Padova Department of Statistical Sciences
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- Current position** **PhD student in Statistics** (October 2021 - ongoing)
Department of Statistical Science, University of Padova
- Education** **Master's Degree in Statistics** (10/2019 – 09/2021)
Department of Statistical Science, University of Padova
Thesis title: “Bayesian hierarchical models for spatial extreme values”
Supervisor: Prof. Antonio Canale
Final mark: 110/110 *cum laude*
- Bachelor's Degree in Statistics for Technology and Sciences** (10/2016–07/2019)
Department of Statistical Science, University of Padova
Thesis title: “Quantile regression for solar power forecasting”
Supervisor: Prof. Antonio Canale
Final mark: 110/110 *cum laude*
- Work experience** **Research support activities** (03/2021-05/2021)
Department of Statistical Science, University of Padova
Implementation in R of algorithms for classification and regression with advanced non parametric models
Supervisor: Prof. Bruno Scarpa
- Data scientist intern** at Horsa, Vicenza (09/2019 – 12/2019)
- Research interests**
- Bayesian modeling
 - Applied statistics
 - Computational methods
- Publications**
- Stolf, F. and Canale, A. (2022). Bayesian spatial modeling of extreme precipitation, in *Proceedings of the 36th International Workshop on Statistical Modelling*, ISBN: 9788855113090.
 - Stolf, F. and Canale, A. (2022+). A hierarchical Bayesian non-asymptotic extreme value model for spatial data. Submitted, *arXiv:2205.01499*.
- Awards**
- Young researcher travel award, ISBA 2022
 - Mille e una Lode Award 2018/2019, scholarship awarded to the best 1000 students of the University of Padova
- Conference presentations**
- Poster presentation: “A hierarchical Bayesian non-asymptotic extreme value model for spatial data”; *ISBA 2022*, Montreal, Canada (Jun-2022).
 - Poster presentation: “Bayesian spatial modeling of extreme precipitation”; *IWSM 2022*, Trieste, Italy (Jul-2022).

Teaching experience	(10/2019 – 06/2021) Tutor: lectures and exercises for the courses of Statistics (Advanced) and Mathematical Analysis 1. University of Padova.
Computer skills	<ul style="list-style-type: none"> • Languages: R (advanced), Python (intermediate); • Other: Latex (advanced), GitHub (basic).
Languages	Italian (native); English (fluent)
Data Hackathons	17/09/2022: First prize winner at HackTheGene, Padova.