

## Federica Stolf

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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  
Supervisor: Prof. Antonio Canale
- 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*
- Visiting Periods** Duke University, Department of Statistical Sciences, Durham, USA (03/2023 - 03/2024)  
Supervisor: Prof. David Dunson
- 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 Methods and Computation
  - Dimensionality Reduction
  - Bayesian Nonparametrics
- Publications**
- Stolf, F. and Canale, A. (2023). A hierarchical Bayesian non-asymptotic extreme value model for spatial data. *Environmetrics*, e2806.
  - Stolf, F. and Canale, A. (2022). Bayesian spatial modeling of extreme precipitation, in *Proceedings of the 36th International Workshop on Statistical Modelling*, ISBN: 9788855113090.
- Awards**
- Best poster award at Autumn school in Bayesian Statistics 2023, CIRM (France)
  - 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

<b>Conference presentations</b>	<ul style="list-style-type: none"> <li>• Contributed talk: “Dependent infinite latent feature models”; <i>BAYSM 2023</i>, online (Nov-2023).</li> <li>• Poster presentation: “Dependent infinite latent feature models”; <i>Autumn school in Bayesian Statistics 2023</i>, CIRM, France (Oct-2023).</li> <li>• Poster presentation: “A hierarchical Bayesian non-asymptotic extreme value model for spatial data”; <i>ISBA 2022</i>, Montreal, Canada (Jun-2022).</li> <li>• Poster presentation: “Bayesian spatial modeling of extreme precipitation”; <i>IWSM 2022</i>, Trieste, Italy (Jul-2022).</li> </ul>
<b>Teaching experience</b>	(10/2019 – 06/2021) Tutor: lectures and exercises for the courses of Statistics (Advanced) and Mathematical Analysis 1. University of Padova.
<b>Service</b>	<ul style="list-style-type: none"> <li>• <b>Membership:</b> ISBA, jISBA.</li> <li>• <b>Reviewer for:</b> Computational Statistics and Data Analysis.</li> <li>• <b>Organizer</b> of <i>Explain like I’m an Undergrad</i>, series of weekly seminars for PhD students, post-docs, and young researchers in the statistics department at University of Padova (Sep 2023 - ongoing).</li> </ul>
<b>Computer skills</b>	<ul style="list-style-type: none"> <li>• Languages: R (advanced), Python (intermediate);</li> <li>• Other: Latex (advanced), GitHub (basic).</li> </ul>
<b>Languages</b>	Italian (native); English (fluent)
<b>Data Hackathons</b>	17/09/2022: First prize winner at HackTheGene, Padova.