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I specialize in extreme value theory, heavy-tailed time series, and machine learning. My work often involves risk assessment with a primary focus on climate science applications.

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Ongoing projects

Currently learning about out-of-domain generalization problems in machine learning.

Short bio

I'm a lecturer in statistics at MIA Paris-Saclay, AgroParisTech. Previously, I was a postdoctoral researcher at the Université de Genève working with Prof. Sebastian Engelke. I completed my Ph.D. at the LPSM laboratory in Sorbonne Université under the supervision of Prof. Philippe Naveau and Prof. Olivier Wintenberger.

Beyond my research, I love reading and a fresh just-grind cup of Colombian coffee. I specially enjoy gathering with friends and family around flavorful food and pursuing bucolic landscapes.

Ph.D. Thesis

Here you can find the *slides* and the final *manuscript* of my Ph.D. thesis entitled "Assessing the time dependence of multivariate extremes for heavy rainfall modeling".