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I am a Ph.D. candidate in Statistics at King Abdullah University of Science and Technology (KAUST) with Prof. Raphaël Huser. I obtained my bachelor degree in financial mathematics at the Southern University of Science and Technology (SUSTech), Shenzhen, China in 2017 and a master degree in Statistics at KAUST in 2018. My research is mainly focusing on modeling spatial extremes, high-dimensional inference, and Bayesian inference. In addition, I am also interested in deep learning framework, e.g. GAN and VAE (Variational Autoencoder).

# Publications

- **Exact simulation of max-infinitely divisible processes**

    – **Peng Zhong**, Raphaël Huser, and Thomas Opitz.
    – *Econometrics and Statistics, accepted, 2022+* link

- **Modeling non-stationary temperature maxima based on extremal dependence changing with event magnitude**

    – **Peng Zhong**, Raphaël Huser, and Thomas Opitz.
    – *Annals of Applied Statistics, to appear, 2022* link