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<b>Education</b>	<b>King Abdullah University of Science and Technology</b>	Saudi Arabia
	PhD in Statistics	1, 2019 – Present
	Advisor: Prof. Raphaël Huser	
	<b>King Abdullah University of Science and Technology</b>	Saudi Arabia
	MS in Statistics	8, 2017 – 12, 2018
	Advisor: Prof. Raphaël Huser	
	<b>Southern University of Science and Technology</b>	Shenzhen, China
	BA in Financial Mathematics	8, 2013 – 6, 2017
<b>Honors &amp; Scholarships</b>	National Encouragement Scholarship (SUSTech)	2015
	Establishment of SUSTech Scholarship (SUSTech)	2013
<b>Publications</b>	[1] <b>Peng Zhong</b> , Raphaël Huser, and Thomas Opitz, <b>Modeling non-stationary temperature maxima based on extremal dependence changing with event magnitude</b> , <i>Annals of Applied Statistics</i> <b>16</b> , 272-299, 2022	
	[2] <b>Peng Zhong</b> , Raphaël Huser, and Thomas Opitz, <b>Exact simulation of max-infinitely divisible processes</b> , <i>accepted in Econometrics and Statistics</i> , 2022	
	[3] Zhongwei Zhang, Elias Krainski, <b>Peng Zhong</b> , Håvard Rue, and Raphaël Huser, <b>Joint modeling and prediction of massive spatio-temporal wildfire count and burnt area data with the INLA-SPDE approach</b> , <i>Submitted to Extremes</i>	
	[4] Raphaël Huser, Michael Stein, and <b>Peng Zhong</b> , <b>Vecchia likelihood approximation for accurate and fast inference in intractable spatial extremes models</b> , <i>Submitted to Journal of the Royal Statistical Society: Series B</i>	
	[5] <b>Peng Zhong</b> , Manuela Brunner, Raphaël Huser, and Thomas Opitz, <b>Are spatial precipitation extremes becoming more intense, wider, or both? An extreme-value statistics perspective</b> , <i>In preparation</i>	
	[6] Yan Gong, <b>Peng Zhong</b> , Raphaël Huser, and Thomas Opitz, <b>Partial tail correlation coefficient</b> , <i>In preparation</i>	
<b>Teaching Experience</b>	<b>Teaching Assistant (STAT 250: Stochastic Processes), CEMSE (KAUST)</b>	Fall, 2020
	Grading homework and exams; Giving tutorial; Q & A;	
	<b>Teaching Assistant (Real Analysis), Mathematics (SUSTech)</b>	Spring 2017
	Grading homework and exams; Q & A;	
<b>Industry Experience</b>	<b>CSMAR Database</b>	Shenzhen, China
	Data Analyst (Intern)	Summer 2016
	Data analysis; Data scraping; Present and review literature in Finance;	
<b>Talks &amp; Posters</b>	<b>Talk: Modeling non-stationary temperature maxima based on extremal dependence changing with event magnitude</b>	
	Extreme Value Analysis 2021 (Virtual), UK	6, 2021
	<b>Poster: Exact simulation of max-infinitely divisible processes</b>	
	13th International Workshop on Rare-Event Simulation (Virtual), Paris, France	5, 2021
	<b>Talk: Exact simulation of max-infinitely divisible processes</b>	
	Virtual workshop on "Statistical Estimation and Detection of Extreme Hot Spots, with Environmental and Ecological Applications", KAUST, Saudi Arabia	2, 2021
	<b>Talk: Modeling non-stationary temperature maxima based on extremal dependence changing with event magnitude</b>	

Virtual workshop on "Statistical Estimation and Detection of Extreme Hot Spots, with Environmental and Ecological Applications", KAUST, Saudi Arabia 2, 2021  
**Contributed Talk: Modeling non-stationary temperature extremes with level-dependent extremal dependence**  
 Joint Statistical Meetings (Virtual), USA 8, 2020  
**Poster: Modeling spatial extremes with max-infinitely divisible models level-dependent extremal dependence**  
 Joint Statistical Meetings, Denver, Colorado, USA 7, 2019

**Selected Courses** Stochastic Processes; Linear Models; Statistics of Extremes; Nonparametric Statistics; Time Series; Bayesian Statistics; Computational Statistics; Data Mining; Big Data Optimization; Advanced Probability; Advanced Simulation;

**Skills**

**Programming**  
 R, C++, Python, Pytorch, Shell, Slurm, Singularity.

**Other**  
 Latex, Markdown, MS Office.

**Languages**  
 Mandarin, English

**Professional Services** **Journal of Multivariate Analysis** Reviewer