Wenjie Ye

Personal Details

Name:	Wenjie Ye
Gender:	Male
email:	yewenjie@fjnu.edu.cn

Work Experience

from 10/2024	**Lecturer** in the School of Mathematics and Statistics at Fujian Normal University
07/2022-07/2024	**Post-Doc** at Academy of Mathematics and Systems Science Chinese Academy of Sciences, Beijing 100190, China Supervisor: Prof. Xiangchan Zhu
09/2019-03/2020	**Visiting student** at Imperial College London South Kensington Campus London SW7 2AZ, UK Supervisor: Prof. Xue-Mei Li

Academic Qualifications

09/2017-06/2022	**Ph.D. Statistics** Shanghai Jiao Tong University, CN Supervisor: Prof. Xin Chen
09/2014-06/2017	**MA.Sc. Financial Mathematics and Financial Engineering** Shandong University, CN Supervisor: Prof. Zhiyong Yu
09/2010-06/2014	**B.S. Mathematics and Applied Mathematics** Qingdao University, CN

Publications

[1] **W. Ye** and Z. Yu, Exact controllability of linear mean-field stochastic systems and observability inequality for mean-field backward stochastic differential equations, *Asian J. Control* **24** (2022), no. 1, 237–248.

[2] X. Chen and **W. Ye**, A study of backward stochastic differential equation on a Riemannian manifold, *Electron. J. Probab.* **26** (2021), Paper No. 85, 31.

[3] X. Chen and **W. Ye**, A probabilistic representation for heat flow of harmonic map on manifolds with time-dependent Riemannian metric, *Statist. Probab. Lett.* **177** (2021), Paper No. 109165, 10.

[4] **W. Ye**, Stochastic differential equations with local growth singular drifts, J. Theoret. Probab. **37**(2024), no. 3, 2576–2614.

Preprints

[5] X. Chen, A. B. Cruzeiro, **W. Ye** and Q. Zhang, Forward-backward stochastic differential equations on tensor fields and application to Navier-Stokes equations on Riemannian manifolds, arXiv:2301.06490 [math.PR] (2023).

[6] **W. Ye** and R. Zhu, Large N limit of the Langevin dynamics for the spin $O(N)$ model, arXiv:2509.13817 [math.PR] (2025).