

XIAOFEI LI

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Xiaofei Li is a native of a charming city of Zibo in Northeast China, celebrated for its ceramic pottery heritage and unique—and delicious—barbeque style. Xiaofei has been engaged in structured light research since 2018. She had pursued her graduate studies under the supervision of Prof. Yangjian Cai at Shandong Normal University (SDNU) from 2018 to 2023, focusing on the project "Vortex Modulation and Its Application in Optical Trapping and Communications," and culminating in her PhD degree in Optics in 2023. From 2022 to 2024, Dr. Li had continued her PhD studies under the supervision of Prof. Sergey Ponomarenko at Dalhousie University, Canada, having worked on the project "Structured Random Light". She earned her joint Ph.D (JPD) degree in optical physics and photonics at Dalhousie in 2024; the JPD was established between Dalhousie and SDNU a few years ago. Dr. Li's research interests include structured light, classical entanglement, optical communications, and the interdisciplinary applications of photonic radar systems. Dr. Xiaofei Li is currently a joint postdoctoral fellow at Dalhousie and Shandong Normal University, China.



EDUCATION

PhD

Dalhousie University, Halifax, Canada

- Major in Electrical Engineering

Shandong Normal University, Jinan, China

- Major in Optics

September 2022-August2024

September 2019-June2023

Master

Shandong Normal University, Jinan, China

- Major in Electrical Science and Engineering

September 2017-June2019