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Academic Experience

I obtained bachelor degree in Physics from Nanjing University in 2014 and PhD degree in Physics from Hong Kong University of Science and Technology in 2018. My researches focus on investigating behaviors of classical waves in and through artificial structures. One of my research area is designing functional metamaterials and metasurfaces that offer exotic manipulations for classical waves, such as focusing, rotating and absorbing light and sound beyond natural limits. The other of my research area is studying topological properties in classical wave systems, especially valley-Hall physics and higher-order topologies. Recently, I also study non-Hermitian physics in classical topological systems.