

Shuai Zhao

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RESEARCH INTERESTS

Bell Nonlocality, Hardy's Paradox, Quantum Contextuality, Quantum Key Distribution, Quantum Randomness

EMPLOYMENT

Postdoctoral Fellow Jul 2021
Department of Computer Science, The University of Hong Kong Hong Kong
Supervisor: Prof. Ravi. Ramanathan.

EDUCATION

University of Science and Technology of China Sep 2015 - Mar 2021
Atomic and Molecular Physics , Doctor , The Department of Modern Physics
Henan Polytechnic University Sep 2010 - Jul 2014
Applied Physics Bachelor

PUBLICATIONS

1. Zhao S, Cao W F, Zhen Y Z, et al. Higher amounts of loophole-free Bell violation using a heralded entangled source [J]. [New J. Phys. 21\(2019\) 103008.](#)
2. Zhao S, Zeng P, Cao W F, et al. Phase-matching quantum cryptographic conferencing[J]. [Phys. Rev. Applied 14,024010 \(2020\).](#)

TEACHING EXPERIENCE

Teaching Assistant for Introduction to Quantum Information, USTC. Sep 2018 - Jan 2019
Teaching Assistant for Quantum Information Physics, USTC. Sep 2017 - Jan 2018
Teaching Assistant for Thermodynamics and Statistical Physics (A) , USTC. Feb 2017 - May 2017

HONORS & AWARDS

National Scholarship for postgraduate students Sept. 2015 - Mar. 2021

