Stanford



Lin Xin

Postdoctoral Scholar, Physics

Bio

BIO

Lin Xin is a Postdoctoral Scholar in the Physics Department at Stanford University. He received his Ph.D. from the Georgia Institute of Technology, following undergraduate studies at Shanghai Jiaotong University. His current research centers on advancing optical control of interactions among laser-cooled atoms, with an eye towards applications in quantum simulation, metrology, and computation. He has developed protocols in quantum optimal control for entanglement-enhanced eigenstates in spinor Bose-Einstein condensates.

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Georgia Institute of Technology (2022)
- Ph.D., Georgia Institute of Technology , Physics (2022)
- B.S., Shanghai Jiaotong University , Zhiyuan College Physics (SJTU Science Class), graduated with highest honors (2016)

STANFORD ADVISORS

- Monika Schleier-Smith, Postdoctoral Faculty Sponsor

LINKS

- Personal Website: https://linxin.people.stanford.edu/

Publications

PUBLICATIONS

- **Optically accessible high-finesse millimeter-wave resonator for cavity quantum electrodynamics with atom arrays** *PHYSICAL REVIEW APPLIED*

  Zhang, T., Wu, M., Cohen, S. R., Xin, L., Das, D., Multani, K. K. S., Peard, N., Valente-Feliciano, A., Welander, P. B., Safavi-Naeini, A. H., Nanni, E. A., Schleier-Smith, M.

  2025; 24 (4)