



Henry Lin

Postdoctoral Scholar, Physics

Bio

STANFORD ADVISORS

- Stephen Shenker, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **A symmetry algebra in double-scaled SYK** *SCIPOST PHYSICS*
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- **Universality in long-distance geometry and quantum complexity.** *Nature*
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- **Bootstrap bounds on D0-brane quantum mechanics** *JOURNAL OF HIGH ENERGY PHYSICS*
Lin, H. W.
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- **Quantum Gravity in the Lab. I. Teleportation by Size and Traversable Wormholes** *PRX QUANTUM*
Brown, A. R., Gharibyan, H., Leichenauer, S., Lin, H. W., Nezami, S., Salton, G., Susskind, L., Swingle, B., Walter, M.
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- **Quantum Gravity in the Lab. II. Teleportation by Size and Traversable Wormholes** *PRX QUANTUM*
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- **The bulk Hilbert space of double scaled SYK** *JOURNAL OF HIGH ENERGY PHYSICS*
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- **The entanglement wedge of unknown couplings** *JOURNAL OF HIGH ENERGY PHYSICS*
Almheiri, A., Lin, H. W.
2022
- **Bootstraps to strings: solving random matrix models with positvite** *JOURNAL OF HIGH ENERGY PHYSICS*
Lin, H. W.
2020
- **Complexity geometry and Schwarzian dynamics** *JOURNAL OF HIGH ENERGY PHYSICS*
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- **Complexity of Jackiw-Teitelboim gravity** *PHYSICAL REVIEW D*
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- **Why Does Deep and Cheap Learning Work So Well?** *JOURNAL OF STATISTICAL PHYSICS*
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