

# Stanford

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## Aidan Reilly

Ph.D. Student in Physics, admitted Autumn 2020

### Publications

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#### PUBLICATIONS

- **Dark kinetic heating of exoplanets and brown dwarfs** *JOURNAL OF HIGH ENERGY PHYSICS*  
Acevedo, J. F., Leane, R. K., Reilly, A. J.  
2025
- **Quantum tensor network algorithms for evaluation of spectral functions on quantum computers** *PHYSICAL REVIEW B*  
Wall, M. L., Reilly, A., Van Dyke, J. S., Broholm, C., Titum, P.  
2024; 110 (21)
- **Ultraviolet running constraints on low mass dark sectors** *JOURNAL OF HIGH ENERGY PHYSICS*  
Reilly, A., Toro, N.  
2024