



## Cheng Peng

Postdoctoral Scholar, Photon Science, SLAC

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Chinese Academy Of Sciences (2018)
- Bachelor of Science, Jilin University (2010)

### Publications

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#### PUBLICATIONS

- **A Quantum-Inspired Tensor Network Algorithm for Constrained Combinatorial Optimization Problems** *FRONTIERS IN PHYSICS*  
Hao, T., Huang, X., Jia, C., Peng, C.  
2022; 10
- **Gapless spin liquid and pair density wave of the Hubbard model on three-leg triangular cylinders** *NEW JOURNAL OF PHYSICS*  
Peng, C., Jiang, Y., Wang, Y., Jiang, H.  
2021; 23 (12)
- **Precursor of pair-density wave in doping Kitaev spin liquid on the honeycomb lattice** *NPJ QUANTUM MATERIALS*  
Peng, C., Jiang, Y., Devereaux, T. P., Jiang, H.  
2021; 6 (1)
- **Doping Quantum Spin Liquids on the Kagome Lattice** *ADVANCED QUANTUM TECHNOLOGIES*  
Peng, C., Jiang, Y., Sheng, D., Jiang, H.  
2021