

Stanford

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Ph.D. Student in Applied Physics, admitted Autumn 2013

Publications

PUBLICATIONS

- **Engineering a Kerr-Based Deterministic Cubic Phase Gate via Gaussian Operations** *Physical Review Letters*
Yanagimoto, R., Onodera, T., Ng, E., Wright, L. G., McMahon, P. L., Mabuchi, H.
2020; 124: 240503
- **Adiabatic Fock-state-generation scheme using Kerr nonlinearity** *PHYSICAL REVIEW A*
Yanagimoto, R., Ng, E., Onodera, T., Mabuchi, H.
2019; 100 (3)
- **Experimental investigation of performance differences between coherent Ising machines and a quantum annealer.** *Science advances*
Hamerly, R., Inagaki, T., McMahon, P. L., Venturelli, D., Marandi, A., Onodera, T., Ng, E., Langrock, C., Inaba, K., Honjo, T., Enbutsu, K., Umeki, T., Kasahara, et al
2019; 5 (5): eaau0823
- **Scanning microwave imaging of optically patterned Ge₂Sb₂Te₅** *APPLIED PHYSICS LETTERS*
Johnston, S. R., Ng, E., Fong, S. W., Mok, W. Y., Park, J., Zalden, P., Sakdinawat, A., Wong, H., Mabuchi, H., Shen, Z.
2019; 114 (9)