Stanford

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Ph.D. Student in Applied Physics, admitted Autumn 2020

Publications

PUBLICATIONS

- **Integrated phononic waveguide on thin-film lithium niobate on diamond** *APPLIED PHYSICS LETTERS*
  Malik, S., Mayor, F. M., Jiang, W., Oh, H., Padgett, C., Dharod, V., Venkatraman, J., Jayich, A., Safavi-Naeini, A. H.
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- **High photon-phonon pair generation rate in a two-dimensional optomechanical crystal.** *Nature communications*
  Mayor, F. M., Malik, S., Primo, A. G., Gyger, S., Jiang, W., Alegre, T. P., Safavi-Naeini, A. H.
  2025; 16 (1): 2576
- **Flexible integration of gigahertz nanomechanical resonators with a superconducting microwave resonator using a bonded flip-chip method** *APPLIED PHYSICS LETTERS*
  Malik, S., Jiang, W., Mayor, F. M., Makihara, T., Safavi-Naeini, A. H.
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- **Optically heralded microwave photon addition** *NATURE PHYSICS*
  Jiang, W., Mayor, F. M., Malik, S., Van Laer, R., McKenna, T. P., Patel, R. N., Witmer, J. D., Safavi-Naeini, A. H.
  2023