

Stanford

Nicholas Eric Bousse

- Ph.D. Student in Mechanical Engineering, admitted Autumn 2018
- Student Route Setter, Recreation Adventure Programs

Publications

PUBLICATIONS

- **Quality factor tuning of micromechanical resonators via electrical dissipation** *APPLIED PHYSICS LETTERS*
Bousse, N. E., Miller, J. L., Kwon, H., Vukasin, G. D., Kenny, T. W.
2020; 116 (2)
- **Thermomechanical-Noise-Limited Capacitive Transduction of Encapsulated MEM Resonators** *JOURNAL OF MICROELECTROMECHANICAL SYSTEMS*
Miller, J. L., Bousse, N. E., Heinz, D. B., Kim, H. K., Kwon, H., Vukasin, G. D., Kenny, T. W.
2019; 28 (6): 965–76
- **SIGNAL ENHANCEMENT IN MEM RESONANT SENSORS USING PARAMETRIC SUPPRESSION**
Miller, J. L., Bousse, N. E., Shin, D. D., Kwon, H., Kenny, T. W., IEEE
IEEE.2019: 881–84