

Stanford



Matthew Peter Maksymowych

Ph.D. Student in Applied Physics, admitted Autumn 2021

Bio

EDUCATION AND CERTIFICATIONS

- Bachelor of Science with Honors, University of Alberta , Physics (2021)

Publications

PUBLICATIONS

- **Transduction of large optomechanical amplitudes with racetrack-loaded Mach-Zehnder interferometers** *OPTICS EXPRESS*
Westwood-Bachman, J. N., Maksymowych, M. P., Van, V., Hiebert, W. K.
2020; 28 (15): 21835-21844
- **Optomechanical spring enhanced mass sensing** *APPLIED PHYSICS LETTERS*
Maksymowych, M. P., Westwood-Bachman, J. N., Venkatasubramanian, A., Hiebert, W. K.
2019; 115 (10)