Jason Herrmann
Ph.D. Student in Applied Physics, admitted Autumn 2018

Publications

PUBLICATIONS

- Platform-agnostic waveguide integration of high-speed photodetectors with evaporated tellurium thin films. *OPTICA*

- Ultra-low-power second-order nonlinear optics on a chip. *Nature communications*

- Mirror symmetric on-chip frequency circulation of light *NATURE PHOTONICS*

- High-bandwidth CMOS-voltage-level electro-optic modulation of 780 nm light in thin-film lithium niobate. *OPTICS EXPRESS*

- III/V-on-lithium niobate amplifiers and lasers. *OPTICA*

- Photonic Modal Circulator Using Temporal Refractive-Index Modulation with Spatial Inversion Symmetry. *Physical review letters*

- Cryogenic microwave-to-optical conversion using a triply resonant lithium-niobate-on-sapphire transducer. *OPTICA*