



## MULTI-SCALE ARCHITECTURE FOR OPTICAL ADDRESSING AND CONTROL OF QUBIT ARRAYS

WARF: P230077US02

Inventors: Mark Saffman, Trent Graham

### The Invention

UW-Madison researchers have developed systems and methods for the optical control of qubits and other quantum particles with a combination of spatial light modulators (SLM) and fast deflectors for quantum computing and quantum simulation, which addresses the limited speed of SLM and the limit in spatial locations of deflectors.

### Additional Information

#### For More Information About the Inventors

- [Mark Saffman](#)

#### Tech Fields

- [Semiconductors & Integrated Circuits : Quantum dot technologies](#)

For current licensing status, please contact Emily Bauer at [emily@warf.org](mailto:emily@warf.org) or 608-960-9842