

Proposal 301

ROUTES TO NANOPHOTONIC DEVICES FOR MICRON-SCALE BEAM STEERING IN 3D

Type: Invited Submission

Level: MMAP - Materials and Manufacturing for Advanced Photonics

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Abstract

Self-collimating spatially-variant lattices (SVLs) are integrated photonic devices that can be designed to steer optical beams in 3D within micron-scale volumes. SVLs can be fabricated by multi-photon lithography, and new routes to these and related devices are being explored based on modified Bessel beams.

Print