

SELECTED TOPICS IN QUANTUM ELECTRONICS

A PUBLICATION OF THE IEEE PHOTONICS SOCIETY



MARCH/APRIL 2016

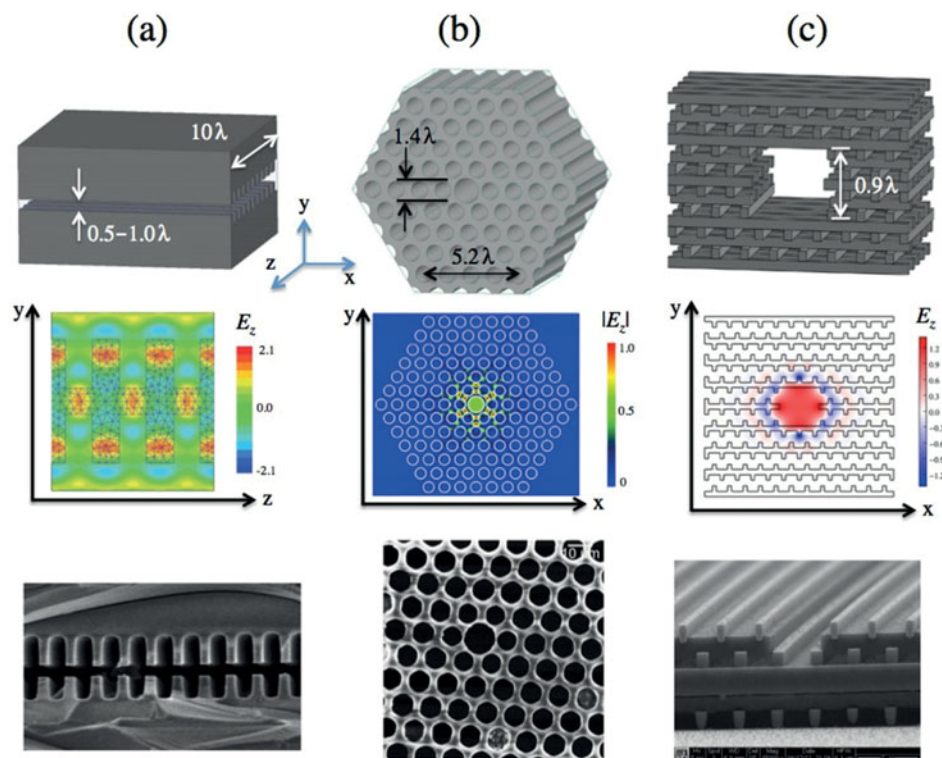
VOLUME 22

NUMBER 2

IJSQEN

(ISSN 1077-260X)

ISSUE ON OPTICAL WAVEGUIDE TECHNOLOGY AND APPLICATIONS



Two-dimensional and 3-D variations in dielectric constant showing (a) 1-D phase reset based on enclosed dual-grating geometry, (b) 2-D optical photonic bandgap fiber, and (c) a 3-D photonic crystal accelerator based on silicon. The figure shows example geometries (top) in equivalent orientations relative to the z beam axis, simulations of longitudinal field (middle), and images of fabricated prototypes (bottom).

(R. Joel England, article number 4401007)