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Tuesday, October 25, 2022 | 10:32 a.m.

Title: "Improving Communication - At the Foundry Level and On a Different Wavelength"

Abstract: Real, meaningful advances in the field of photonics require not only novelty, but consistency. In this work, we report on the narrow distribution in passive performance characteristics of large batches of silicon microdisk modulators fabricated at the SUNY Albany fabrication facility affiliated with AIM Photonics. We also explore the design and characterization of silicon photonic devices at 2.2 microns.