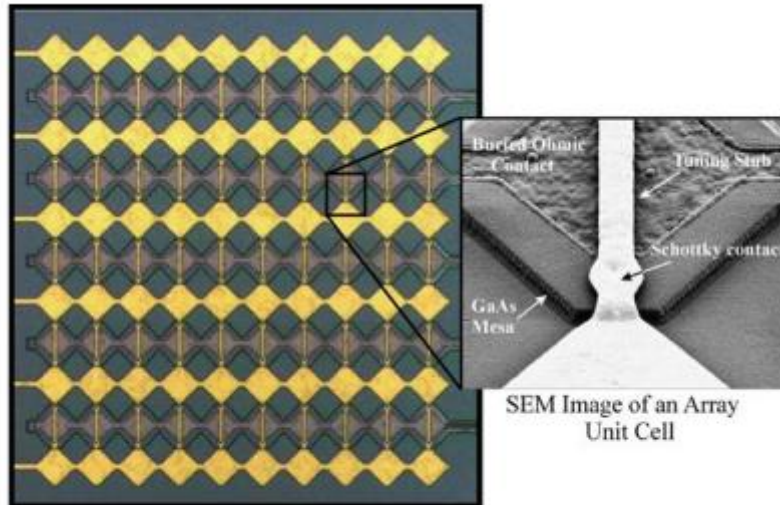


Weikle Research Group



100 Element Diode Array for Wavefront Modulation

Our group works in the area of millimeter and submillimeter-wave electronics. This research incorporates a range of fields including semiconductor physics, device fabrication and modeling, high-frequency circuit design, nonlinear circuit analysis, electromagnetic field theory and optics. Specific research topics of interest include terahertz sensors, semiconductor and superconductor devices, quasi-optical arrays for imaging and beam forming, low-noise receiver elements, integrated-circuit antennas and micromachined components and electronics for terahertz metrology.

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