

Abstracts

Photonic signal processing for microwave applications

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The use of photonic techniques for microwave signal processing has the potential to bring improved performance and new capabilities to RF and microwave systems. Due to this promise, a large number of organizations are vigorously pursuing the processing of signals using photonics. Several recent demonstrations have illustrated the increasing maturity of the field. Here, we briefly present the motivations behind this growing effort and review the current capabilities of photonics.

 [Return to main document.](#)