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have been shown to
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processing has received
much attention in past
20 years for the
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bandwidth in high-speed
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example, all-optical
gates are indispensable

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in high-speed optical
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processing brings together various fields of optics and signal processing - namely, nonlinear devices and processes, analog and digital signals, and advanced data modulation formats - to achieve high-speed signal processing functions that can potentially operate at the line rate of fiber optic

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communications.

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All-Optical Signal Processing - IEEE

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Optical real-time FFT
signal processing is per-

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formed at speeds far beyond the limits of electronic digital processing, and with negligible energy consumption. To illustrate the power of the method we demonstrate an optical 400 Gbit/s OFDM receiver. It performs an optical real-time FFT on the consolidated OFDM data stream, thereby

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vergelijkbare tools om uw winkelervaring te verbeteren, onze services aan te bieden, te begrijpen hoe klanten onze services gebruiken zodat we verbeteringen kunnen aanbrengen, en om advertenties weer te geven.

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