

Chip-scale frequency comb generators for datacentres interconnects

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Abstract *Progress on chip-scale frequency comb generators for wavelength division multiplexing will be discussed. Platforms include gain-switched diodes, mode-locked lasers, electro-optic modulation, and Kerr microcombs. Two scenarios are of particular interest: long-range inter- and short-range intra-datacentre interconnects. ©2023 The Author(s)*