

Prospects for InP-based integrated photonics

Meint K. SMIT

COBRA Research Institute, Eindhoven University of Technology, The Netherlands

Photonic Integration is making rapid progress. InP PICs play an increasingly important role in telecommunications and data communications, and novel applications are emerging in other fields, like fibre sensing technology, medical diagnostics and metrology. InP-based foundry processes offer low-cost access to mature integration processes with high performance, and wafer-scale integration of InP-based photonic circuits with silicon electronics is emerging. In the presentation an overview will be given of recent developments with emphasis on future prospects.

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