

## Experimental Demonstration of 7 Tb/s Switching Using Novel Silicon Photonic Integrated Circuit - DTU Orbit (09/11/2017)

### Experimental Demonstration of 7 Tb/s Switching Using Novel Silicon Photonic Integrated Circuit

We demonstrate BER performance  $<10^{-9}$  for a 1 Tb/s/core transmission over 7-core fiber and SDM switching using a novel silicon photonic integrated circuit composed of a 7x7 fiber switch and low loss SDM couplers.

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