Initial Results of Prototyping a 3-D Integrated Intra-Chip Free-Space Optical Interconnect

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Related Work

- Buffer-less optical packet-switched network, Schacham and Bergman, *IEEE* Micro 2007
- Circuit-switched optical network, Schacham et al. NOC'07
- Bus or ring-based shared-medium optical interconnect
 - Ha and Pinkston JPDC 1997
 - HP Corona (Beausoleil LEOS 2008, Vantrease et al. ISCA'08)
 - Kirman et al. MICRO'06
- Free-space optics
 - Miller, J. Sel. Top. in Quantum Elec. 2007
 - Krishnamoorthy and Miller, JPDC 1997
 - Marchand et al. JPDC 1997
 - Walker et al. Applied Optics 1998

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