

Webinar

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FREE WEBINAR

CMOS-Integrated Nanophotonics Technologies for Short-Reach Communications Links

Join us for a Webinar on Thu, Jan 28, 2016 1:00P EST

CMOS-integrated nanophotonics (CINP) has the potential to bring traditional semiconductor industry efficiency and low-cost manufacturing to single-mode, short-reach (<2 km) optical interconnect applications, such as for data centers and advanced computing systems.

Technical solutions available for short-reach optical communications links that incorporate CINP range from a strictly hybrid approach, where the photonic and electronic elements of the transceivers are fabricated in different technologies and bonded together, to monolithically integrated solutions, where the photonic and electronic elements are on a single chip.

This webinar will provide an overview of monolithic front-end-integrated electronic/nanophotonic CMOS technology that has been developed at IBM for single-mode optical short-reach transceivers at data rates up to 25 Gb/s.

Presenter Douglas Gill is a research staff member at IBM's T.J. Watson Research Center in Yorktown Heights, N.Y., where he works on electro-optic systems monolithically integrated within CMOS electronics.

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Date: Thu, Jan 28, 2016

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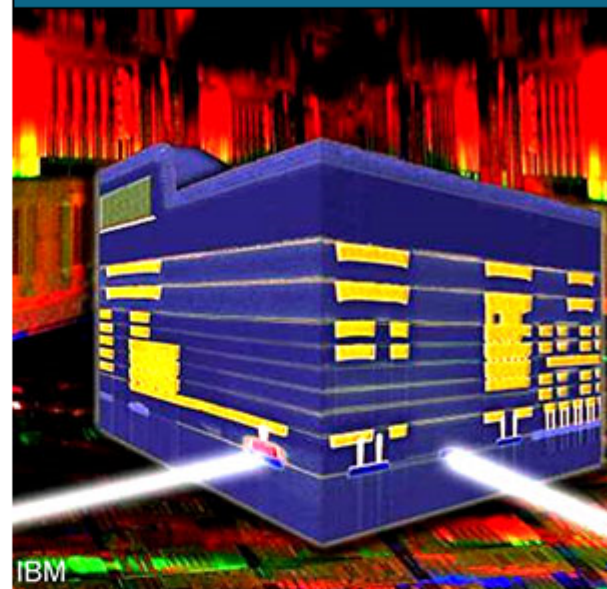
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