Silicon integrated nanophotonics: from fundamental science to manufacturable technology (Presentation Video)

Yurii A. Vlasov
Silicon integrated nanophotonics: from fundamental science to manufacturable technology
(Presentation Video)

Yuriy A. Vlasov, IBM Thomas J. Watson Research Center (USA)

ABSTRACT

The IBM Silicon Nanophotonics technology enables cost-efficient optical links that connect racks, modules, and chips together with ultralow power single-die optical transceivers. I will give an overview of its historical development, technology differentiators, current status and a roadmap.

View presentation video on SPIE’s Digital Library: http://dx.doi.org/10.1117/12.2197116.4093587678001