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Recent Advances in Integrated Photonic Microsystems

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Message from the Guest Editor

Dear Colleagues,

Photonics, the science of generating and processing light at the wavelength-scale, is enabling evermore applications, including LED-lighting, fiber-to-home internet, solar panels, displays, and image sensors. Nowadays, the development of wafer-scale photonics platforms was led by the ever-increasing requirements of bandwidth for high-speed communication. The increase in complexity of the optical interconnections forced indeed to consider moving away from fiber-based macrosystems to microchip-based ones, reproducing in compact form factor and at low costs the functions of bulky, failure-prone, and expensive optical macrosystems.

This Special Issue is to report relevant advanced developments in integrated photonic microsystems.

Prof. Dr. Jianguo Liu
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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