



micromachines



an Open Access Journal by MDPI

Heterogeneous Integration for Optical Micro and Nanosystems

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Deadline for manuscript
submissions:

closed (15 January 2019)

Message from the Guest Editor

Dear Colleagues,

Over the last several decades, integrated photonics has been established as a promising technology for optoelectronic devices. Since all optical functionalities cannot be achieved by one material, heterogeneous integration of different materials is being explored. Heterogeneous integration technologies continue to advance due to rising demands for miniaturization, cost reduction, functional diversification, and increased performance in optical and photonic systems. Examples of fabricated devices include optoelectronic integrated circuits, optical MEMS, photonic crystals, photonic metamaterials, plasmonic devices. These devices are playing increasing roles in a wide range of applications, including sensor networks, Internet of Things, imaging, health-care, and other areas. The scope of this Special Issue of *Micromachines* is to highlight the continuous growth and advancement of the field of heterogeneous integration technologies for optical micro and nanosystems by soliciting original research papers, short communications, and review articles.

Prof. Dr. Eiji Higurashi

Guest Editor



mdpi.com/si/15366

Special Issue



Editor-in-Chief

Message from the Editor-in-Chief

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