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Infrared Sensors and Technologies

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Message from the Guest Editor

Dear Colleagues,

Infrared sensing technologies have been commonly utilized in a variety of applications in industrial and medical fields. Recently, the development of new technologies, such as low-cost InGaAs near-infrared cameras, microbolometer thermal imaging arrays, and hyperspectral cameras have been rapidly expanding these fields. Novel light sources, represented by high-powered near-infrared LEDs and quantum cascade lasers emitting mid-infrared light, also make it possible to develop compact and inexpensive systems for infrared sensing applications. This Special Issue encompasses a broad range of infrared sensors and their applications, including state-of-the-art technologies in sensing devices and systems.

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Prof. Dr. Yuji Matsuura

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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