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High-Performance CMOS Image Sensors

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Message from the Guest Editors

Dear Colleagues,

Image sensors are widely used in medicine, biology, environmental monitoring, and many other engineering fields. High demands on modern sensors require increasingly advanced solutions with unique photodetectors and embedded preprocessing. Improving the performance of CMOS image sensors involves the application of innovative photodetectors, e.g., single-photon avalanche diodes and sophisticated 3D integration, which requires the development of new packaging techniques and solutions in CMOS integrated circuits. From the perspective of modern electronics applications, CMOS technology offers a cost-effective, fully-on-chip implementation of advanced image sensors.

This Special Issue is dedicated to presenting new trends and developments in advanced CMOS image sensors as well as their innovative applications in various fields.

More information please visit [here](#)

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sensors



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Message from the Editor-in-Chief

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