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Advances in High-Speed CMOS Image Sensor and Related Technologies

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

It is my pleasure to invite you to submit original contributions or review material to the special issue “Advances in high-speed CMOS image sensor and related technologies”. The aim of this issue is to summarise advances in the area of high-speed CMOS imaging sensors and associated disciplines. Potential topics include, but are not limited to:

- Modelling and simulation of novel design structures for fast CMOS image sensors;
- Semiconductor sensors for fast signal processing (SPADs, LGADs etc);
- Advanced CMOS image sensor architectures for high-speed imaging;
- Event driven image processing, on the fly data analysis and neural network assisted data sparsification;
- Novel applications of high-speed CMOS image sensors

Dr. Dima Maneuski

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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