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## Advances in High-Speed CMOS Image Sensor and Related Technologies

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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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