



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

Guest Editor:

**Dr. Dima Maneuski**

SUPA School of Physics and  
Astronomy, University of  
Glasgow, Glasgow G12 8QQ, UK  
dima.maneuski@glasgow.ac.uk

Deadline for manuscript  
submissions:

**21 April 2021**

### Message from the Guest Editor

CMOS imaging sensors for many decades bring innovation to scientific and engineering measurement tools. The advances in simulation, design and manufacture of the CMOS-integrated circuits paved the way to new scientific disciplines and greatly enhanced mature fields. One of the strands that made CMOS sensors flourish is high-speed imaging capabilities.

Advances in such disciplines as Light Detection and Ranging, Time of Flight Mass Spectrometry, pulsed neutron tomography, synchrotron and free electron laser sciences are enabled by high performance CMOS image sensors.

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.





## Editors-in-Chief

**Prof. Dr. Assefa M. Melesse**

**Dr. Alexander Star**

**Prof. Dr. Mehmet Rasit Yuce**

**Prof. Dr. Eduard Llobet**

**Prof. Dr. Guillermo Villanueva**

**Dr. Vittorio M.N. Passaro**

**Dr. Davide Brunelli**

**Dr. Raffaele Bruno**

**Prof. Dr. Roozbeh Ghaffari**

**Prof. Dr. Xianbin Wang**

## Message from the Editorial Board

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

## Author Benefits

**Open Access** :— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility**: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [Ei Compendex](#), [PubMed](#), [MEDLINE](#), [PMC](#), [EMBASE](#), [Inspec](#), and many other databases.

**CiteScore** (2019 Scopus data): **5.0**; ranked 17/129 (Q1) in 'Physics and Astronomy: Instrumentation' and 147/670 (Q1) in 'Electrical and Electronic Engineering' and 70/300 (Q1) in 'Computer Science: Information Systems'.

## Contact Us

---