

## Special Issue

# Image Sensors and Optical Communication: Novel Technologies and Applications

### Message from the Guest Editors

Thanks to the pervasive deployment of image sensors and LED lighting infrastructure, image-sensor-based communication, also known as optical camera communication (OCC), has attracted significant attention in recent years. Contrary to conventional optical wireless communication, image-sensor-based optical communication has inherent advantages, such as easy integration into existing embedded devices. Image-sensor-based communication also has wide applications such as in data communication, indoor localization, and sensing. This Special Issue hence aims to highlight and assemble research and/or review articles on an image-sensor-based communication system, as well as its novel applications. The potential topics include (but are not limited to) the following: Optical camera communication; Screen-camera communication; Novel modulation techniques for OCC; Integrated sensing and communication with image sensors; Vehicle-to-vehicle or Vehicle-to-infrastructure communication with image sensors; Underwater communication with image sensors; Indoor localization with OCC; Image-sensor-based communication for IoT.

### Guest Editors

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Dr. Yanbing Yang

Prof. Dr. Jing He

### Deadline for manuscript submissions

closed (10 July 2024)



## Sensors

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### Message from the Editor-in-Chief

*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.

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