



photonics



an Open Access Journal by MDPI

Optoelectronic Detection Technologies and Applications

Guest Editors:

Prof. Dr. Bincheng Li

School of Optoelectronic Science and Engineering, University of Electronic Science and Technology of China, Chengdu, China

Prof. Dr. Dawei Zhang

Engineering Research Center of Optical Instrument and System, The Ministry of Education, Shanghai Key Laboratory of Modern Optical System, University of Shanghai for Science and Technology, Shanghai 200093, China

Deadline for manuscript submissions:

10 October 2024

Message from the Guest Editors

Photoelectronic detection technology, as one of the major means of acquiring information, has the advantages of high precision, fast response, remote detection, and so on. Photoelectronic detection technology is a comprehensive subject based on optics, mechanics, electronics, computers, etc. In the last few decades, enormous progress has been made in photoelectronic detection technology, due to the rapid development of laser technology, optical waveguide technology, optical fiber technology, photo-detection technology, computer technology, as well as the continuous emergence of new materials, new devices, and new processes. Photoelectronic detection technology has a wide range of applications and plays an increasingly important role in both military and civilian fields.

This Special Issue invites manuscripts that introduce the recent advances in “Optoelectronic Detection Technologies and Applications”. All theoretical, numerical, and experimental papers are welcomed. Topics include, but are not limited to, the following:



mdpi.com/si/198428

Special Issue