



## New Perspectives in Optical Design

Guest Editors:

**Dr. Ci Song**

Laboratory of Science and  
Technology on Integrated  
Logistics Support, National  
University of Defense  
Technology, Changsha 410003,  
China

**Dr. Shuo Qiao**

Laboratory of Science and  
Technology on Integrated  
Logistics Support, National  
University of Defense  
Technology, Changsha 410003,  
China

**Dr. Xing Peng**

Laboratory of Science and  
Technology on Integrated  
Logistics Support, National  
University of Defense  
Technology, Changsha 410003,  
China

Deadline for manuscript  
submissions:

**30 September 2024**



[mdpi.com/si/197999](https://mdpi.com/si/197999)

### Message from the Guest Editors

Dear Colleagues,

The field of optical design has seen significant advancements in recent years, driven by the increasing demand for high-performance optical systems in various applications. New materials, fabrication techniques, and computational tools are enabling researchers to explore novel approaches to optical design that have the potential to revolutionize the field. This Special Issue showcases the latest research and developments in optical design, highlighting innovative concepts, methodologies, and applications. Key areas covered in this Special Issue include advanced materials, coatings and process technology for optical components, computational methods and algorithms for optical design, integrated optics and photonic devices, and novel optical systems and applications, etc.

We invite papers that include but are not exclusive to the following topics: optical design, machine learning, opto-mechanical design, optical imaging-based measurement and detection, design and optimization of optical meta-surface. Both theoretical and experimental studies are welcome, as are comprehensive review and survey papers.

Dr. Ci Song  
Dr. Shuo Qiao  
Dr. Xing Peng  
*Guest Editors*

# Special Issue