



Optical Systems for Astronomy

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Message from the Guest Editors

In the domain of ground-based astronomy, we are approaching the commissioning of three extremely large telescopes and their first-light instruments, but we are also witnessing a number of small missions, which have become possible with new image sensors, robotic mounts and other technologies.

We are pleased to announce a Special Issue of *Photonics* on astronomical optics. Since the field is extremely diverse and continually growing, we propose a focus on optical systems developed for astronomy. In this Special Issue, original research articles and reviews are welcome. Relevant topics include (but are not limited to):

- Ground-based telescopes (including large segmented mirrors);
- Large- and medium-sized spaceborne telescopes and instruments;
- Small space instruments, including CubeSat-scale platforms;
- Spectral and spectropolarimetric instruments for astronomy;
- Integral field spectrometers;
- Adaptive and active optics;
- High-contrast imaging and coronagraphy;
- Wide-field instruments for all-sky surveys;
- Innovative optical elements for astronomy;
- Optical interferometric techniques and instrumentation.

