

## Special Issue

# Various Applications of Methods and Elements of Adaptive Optics

### Message from the Guest Editor

Advances in the field of adaptive optics have produced an expanding toolkit for a growing number of photonics applications, including laser beam propagation, signal processing, vision science, astronomy, and other areas. Innovation in laser adaptive optics is a key to solving various scientific and technological problems, from improving the performance of laser systems to enabling new applications. This Special Issue is focused on a wide range of topics, including but not limited to the following:

- Adaptive optic components and tools;
- Wavefront sensing;
- Control algorithms;
- Beam shaping and control;
- Imaging;
- Astronomy;
- Optical communications;
- Propagation through turbulent and turbid media.

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### Guest Editor

Dr. Julia Sheldakova

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### Deadline for manuscript submissions

closed (15 March 2022)



## Photonics

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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### Editor-in-Chief

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