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Various Applications of Methods and Elements of Adaptive Optics

Guest Editor:

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Deadline for manuscript submissions:
closed (15 March 2022)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Julia Sheldakova
Guest Editor

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