



## Modern Advances in Optical, Millimeter and Submillimeter Astronomy

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### Message from the Guest Editors

Dear Colleagues,

For multi-band astronomical observations, especially in optical bands, atmospheric optical turbulence can affect the imaging quality and resolution of ground-based telescopes.

With the development of astronomical high-resolution methods and techniques, especially adaptive optics which can correct the effect of atmospheric turbulence in real time, the image quality and resolution of telescopes are greatly improved.

This Special Issue aims at presenting the latest results in optical, millimeter and submillimeter astronomy. In particular, issues and results of astro-climatic studies are discussed as applied to projects of large optical and millimeter telescopes. We are excited to invite researchers to submit their contributions to this Special Issue. Relevant topics include but are not limited to the following:

- Atmospheric optics;
- Optical turbulence;
- Influence of solar activity;
- Millimeter astronomy;
- Astro-climate;
- Adaptive optics;
- Laser communication;
- Optical neural network.

