Message from the Guest Editors

Dear Colleagues,

This Special Issue invites the submission of manuscripts that document the current state-of-the-art in nonimaging optics. This Special Issue aims to develop new ideas and applications in the broad area of nonimaging optics. We will consider theoretical, numerical, and experimental papers that cover, but are not limited to, the following topics:

- Advances in fundamental optics theory, which includes, but is not limited to, the following: thermodynamics of geometric optics; geometric flux theory; light field theory; radiation pressure; and the role of the vector potential and its gauge properties in optical design.
- Numerical simulations and theoretical efforts in the design of new nonimaging optical systems for solar concentration, illumination, radiation pressure, light trapping, and freeform optics applications.
- Experimental results and material analysis in radiative transfer, photovoltaic electricity generation, detection, lighting engineering, light-emitting diode (LED) and laser diode applications, and Cherenkov detectors.