

Special Issue

Smart Optical Design and Opto-Mechatronics

Message from the Guest Editors

This Special Issue is seeking submissions related to new or industrially related areas, such as the metaverse, including optics related to VR and AR, light sources from solid state lighting, LED, phosphor, organic light emitting diodes, infrared and UV lasers, optical design testing, integral optical and opto-mechatronics system design, optics and images for remote sensing of air space and ocean, as well as active matrix integration, various automotive applications. Advanced semiconductor physics, semiconductors, application of photonic silicon, materials and technologies for new or improved forms of lighting applied to advanced optical and opto-mechatronics system designs are welcome. Newly developed optical components from UV to infrared related to lighting sources or opto-mechatronics system applications. Most recently the scope has expanded to include contributions from 3D imaging, holography, emerging display technology applications, and immersive art—these too are encouraged. Submissions to the Special Issue are open to all researchers in this field all over the world.

Guest Editors

Prof. Dr. Yi Chin Fang

Dr. Tsung-Xian Lee

Dr. Shih-Hsin Ma

Deadline for manuscript submissions

closed (10 October 2022)



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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