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Deep Study of Luminescent Materials: From Fundamental to Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 December 2021)

Message from the Guest Editor

Dear Colleagues,

Phosphors as spectral-converting luminescent materials were invented in the early 17th century. Spectral-converting materials were used due to their down-shift, down-conversion, and up-conversion processes when they were excited by ultraviolet (UV), near-UV, visible or infrared light. As you are already aware, phosphors were initially used in television tubes, fluorescent lamps, and X-ray screens. Currently, new inorganic and organic phosphors, quantum dots, and light-emitting diodes with enhanced optical properties are extensively developed to meet the various needs of upcoming applications. The search for new phosphors can be driven by the expedition for higher energy efficiency in many luminescent technologies. The field of luminescent materials is deeply studied in various areas of discovery. It is my pleasure to invite you to submit a manuscript on the “Deep Study of Luminescent Materials: From Fundament to Applications”. Full papers, communications, and reviews are all welcome.

Dr. Sangmoon Park
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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