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Call for Papers

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SPECIAL SECTION ON

Organic Light-Emitting Materials and Devices



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This Call for Papers is open to all interested applicants who have original and not-yet-published scientific work in the broad area of Organic Light-Emitting Materials and Devices.

This Special Section of JPE will center on the science and technology of organic light-emitting materials, diodes (OLEDs) and transistors (OLETs). Applications range from hand-held displays to large flat panel screens, large area distributed light sources and next generation organic lasers. Examples of research in these areas include, but are not limited to, highly efficient molecular and polymeric light emitters and devices, stable devices based on novel materials or device processing, efficient white-emitting materials and devices for solid state lighting, approaches for enhancing device light extraction efficiency, microcavity effects for solid state lighting and lasers, new materials and concepts for solid state lasers, device failure mechanisms and durability studies. The physics of organic light emitting diodes and transistors dealing with primary processes, carrier injection, and transport, the roles of interfaces and morphology in OLEDs and OLETs, new techniques for deposition and printing, novel approaches, patterning, and driving schemes for full color displays and solid state lighting, processes for large area fabrication of flat panel displays, novel substrates and electrodes for flexible devices, and novel encapsulation techniques for flexible devices will be covered in this JPE special section.

Manuscripts due 12 January 2012.

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