

Internal Webinar

Thermally Activated Delayed Fluorescence Materials for Use in Organic Light Emitting Diodes

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Organic light-emitting diodes (OLEDs) have found applications in flat panel displays and lighting technologies because of they are ultrathin, lightweight and flexible. Recently, thermally activated delayed fluorescence (TADF) materials can offer 100% internal quantum efficiencies because of their small singlet and triplet energy splitting (ΔE_{ST}). I will be presenting the design and development of novel blue and deep red TADF materials and their use in OLEDs. I will also talk about interesting aspects of zwitterionic donor-acceptor systems and some boron-based luminescent materials.

Wednesday, Jan 24th 2024

12:00 Hrs

