



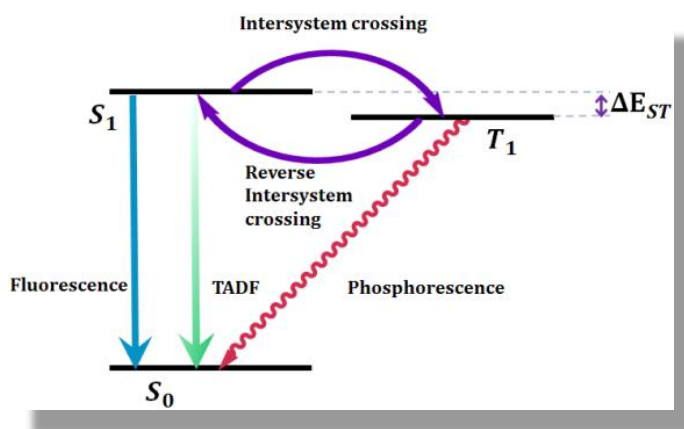
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# Intramolecular and intermolecular charge-transfer approaches for thermally activated delayed fluorescence

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Organic thermally activated delayed fluorescence (TADF) emitters were demonstrated to be promising candidates for the application in organic light emitting diodes, as they are rare-earth-metal-free dyes which can theoretically realize 100% internal quantum efficiency. In this the physics of TADF emitters will be discussed, and new donor-acceptor compounds, developed in our group, will be reviewed.