

Supporting Information

Organic nanostructured host-guest materials for sustainable Luminescent Solar Concentrators

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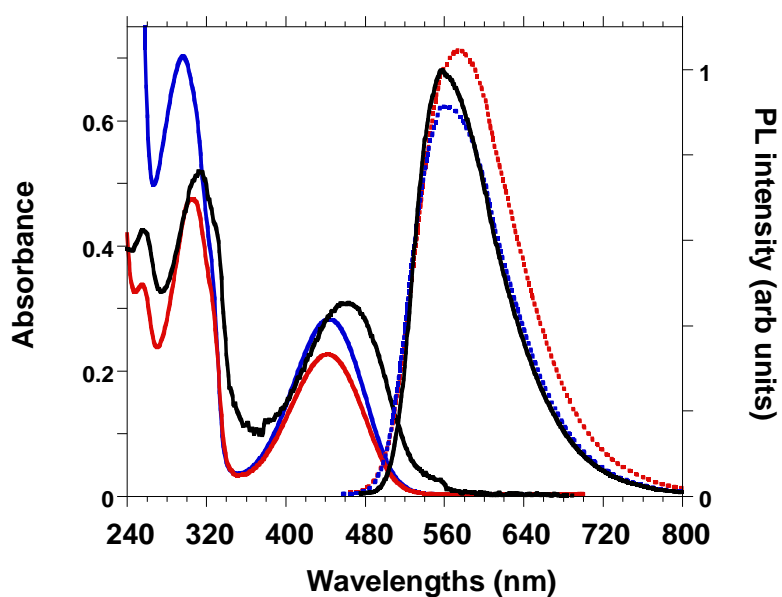
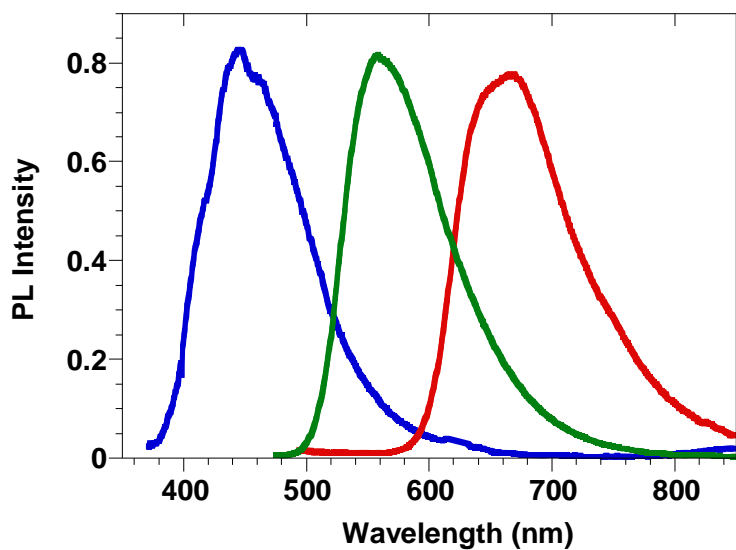


Fig.S1 Optical absorption (solid line) and photoluminescence (dotted line) of DBT in ethylacetate solution (blue), dichloromethane solution (red), and film of DBT-DCA spin coated from tetrahydrofuran solution (black).



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Fig.S2 Photoluminescence spectra of DPH (blue), DBT (green) and DBTT (red) inclusion compounds for DCA film spin coated from tetrahydrofuran solution.

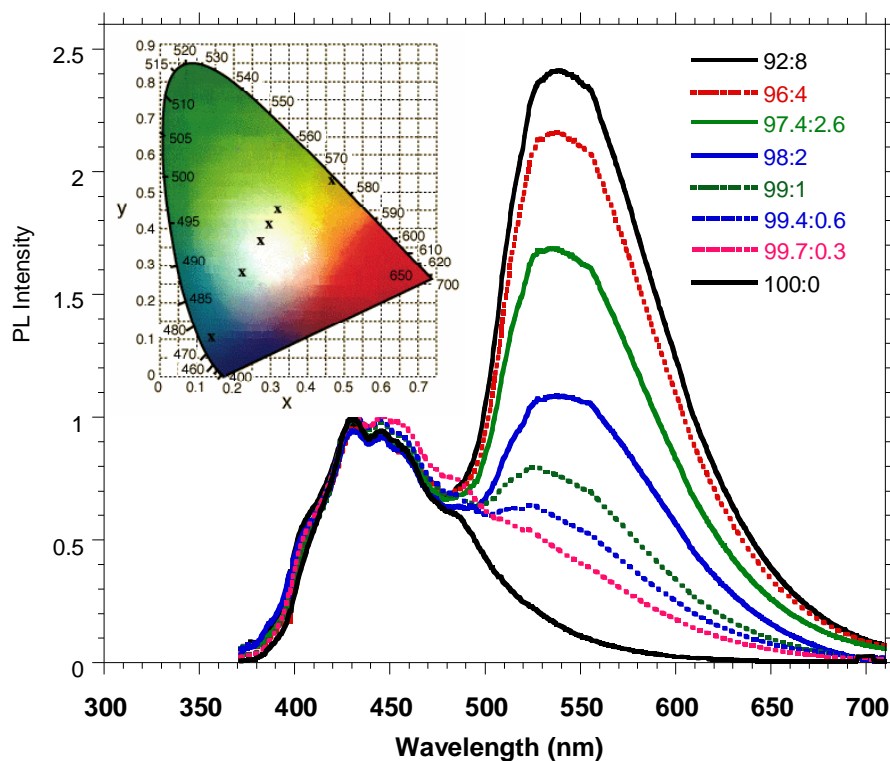


Fig. S3 Photoluminescence spectra of films of DPH:DBT co-inclusion compounds in DCA deposited on quartz substrates from THF solution for DPH:DBT relative molar ratios ranging from (100:0) to (92:8). In the inset the CIE diagram reports the coordinates of the emission of the films.

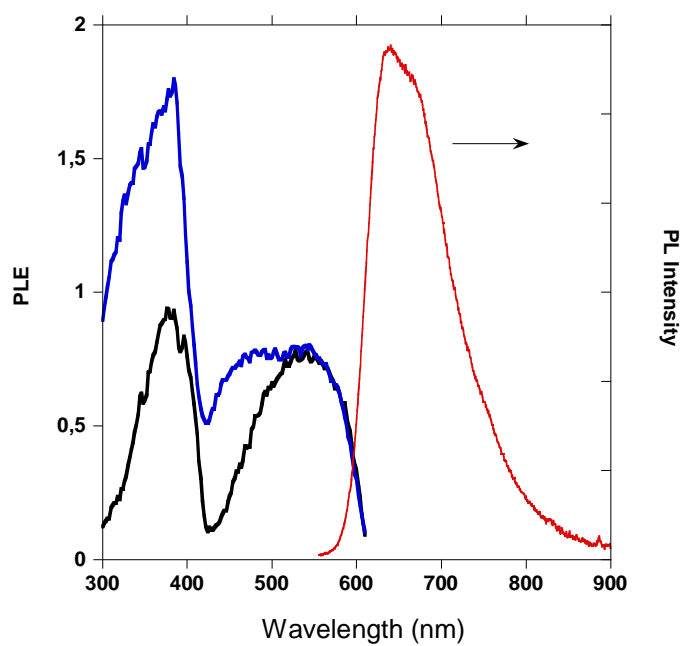


Fig. S4 Fluorescence excitation profiles PLE of DBTT-DCA (black line) and DPH:DBT:DBTT-DCA (75.5:11.4:13.1) (blue line) (left), and PL of DBTT-DCA (right) films cast from solution.