Supplementary Material

Elaboration of PCBM coated P3HT nanoparticles: understanding the shell formation

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# Supplementary Figures and Tables



# Supplementary Figure 1. UV-visible spectra of the NP dispersions after the first solvent displacement with DMSO (top, blue curves) and after the second solvent displacement with water (bottom, red curve).

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# Supplementary Figure 2. UV-visible spectra of P3HT thin film (black curve) and P3HT nanoparticles generated by nanoprecipitation (red curve).

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# Supplementary Figure 3. Experimental decay and fit of the 1100 nm signal for P3HT NP colloidal dispersion.

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# Supplementary Figure 4. Experimental decay and fit of the (red) 1100 nm and (blue) 960 nm signals for P3HT:PCBM composite NP colloidal dispersion.





# Supplementary Figure 5. Experimental decay and fit of the (red) 1100 nm and (blue) 960 nm signals for P3HT@PCBM 1:1 core-shell NP colloidal dispersion.





# Supplementary Figure 6. Experimental decay and fit of the (red) 1100 nm and (blue) 960 nm signals for P3HT@PCBM 10:1 core-shell NP colloidal dispersion.