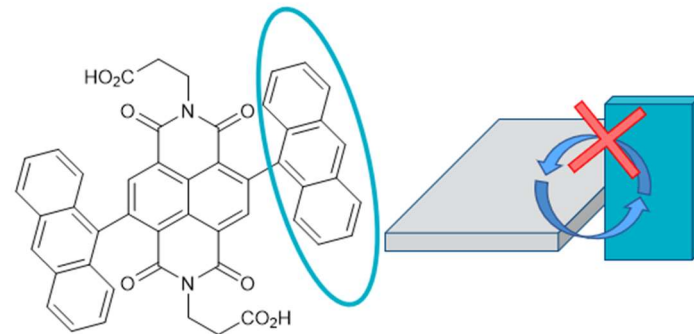
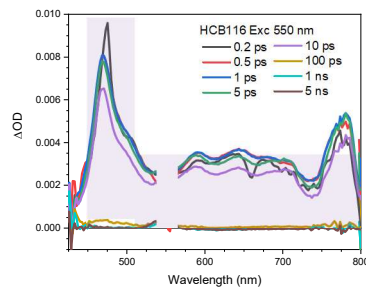
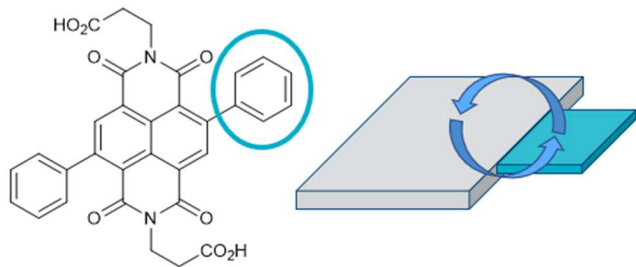
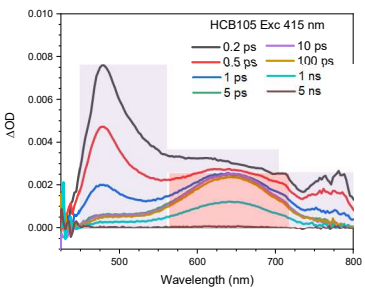
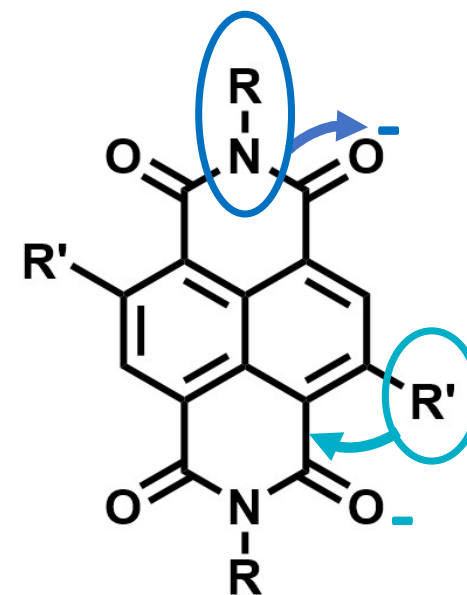
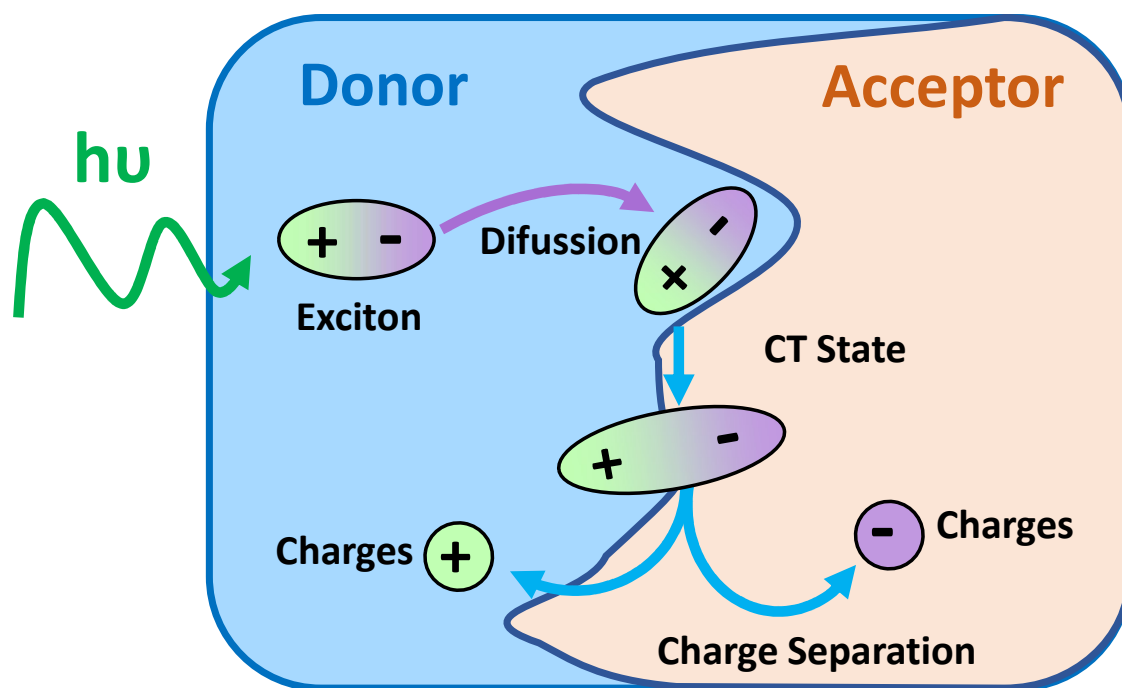


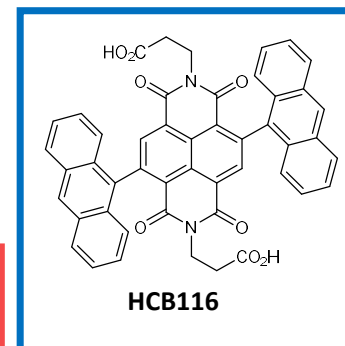
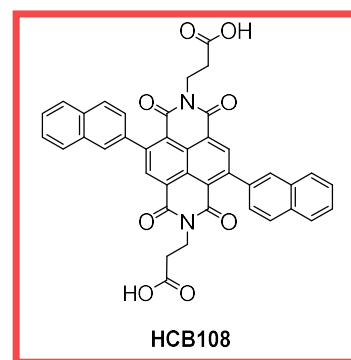
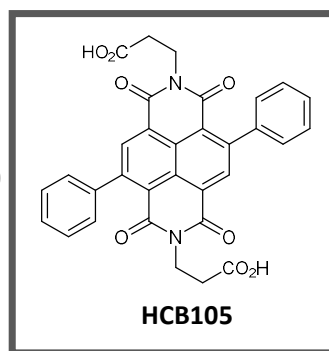
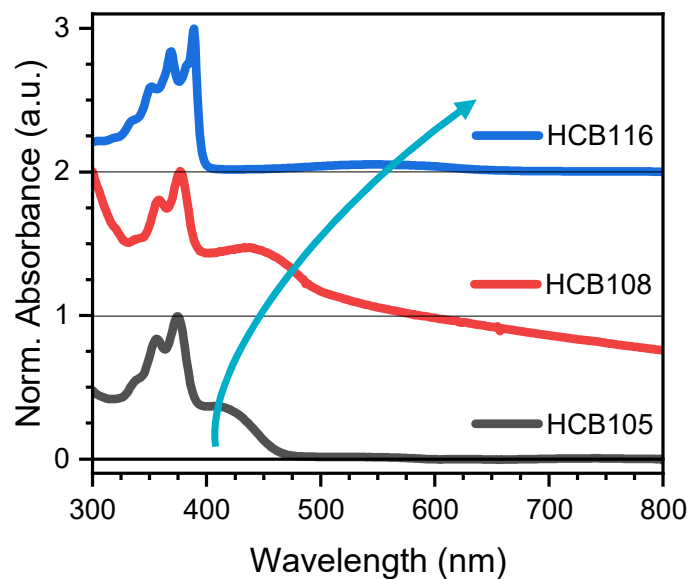
New Approach to Generate Charges in NDI Materials



Charge Generation in NDIs



Charge Generation in NDIs

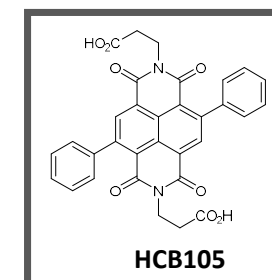
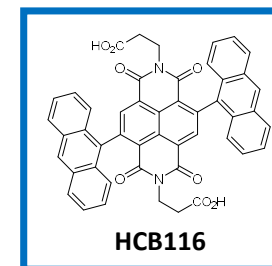
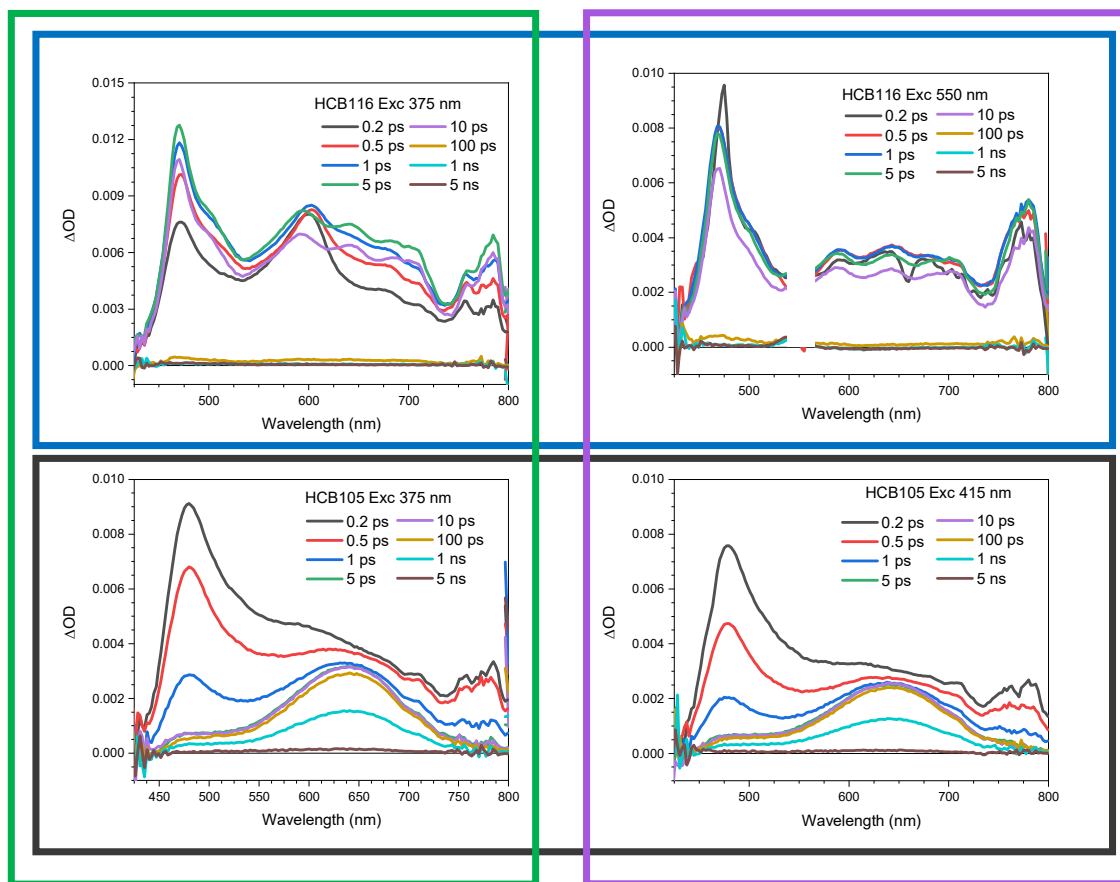
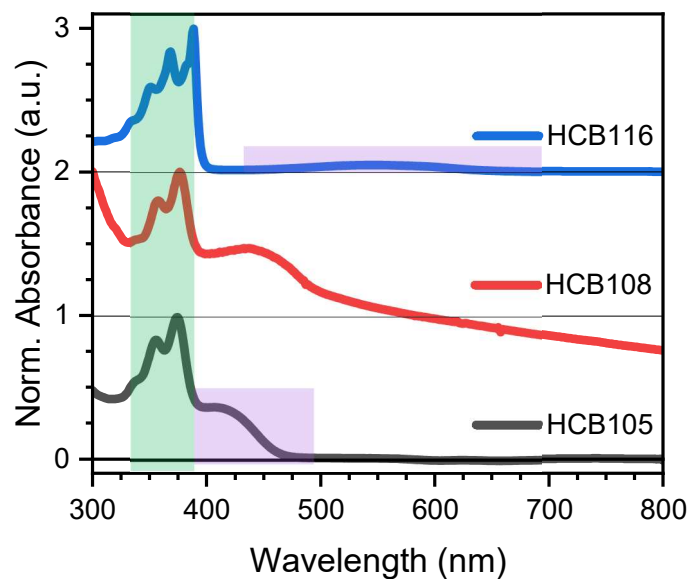


Prof. Bob Schroeder (UCL)



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Charge Generation in NDIs



Charge Generation in NDIs

NDI Triplet

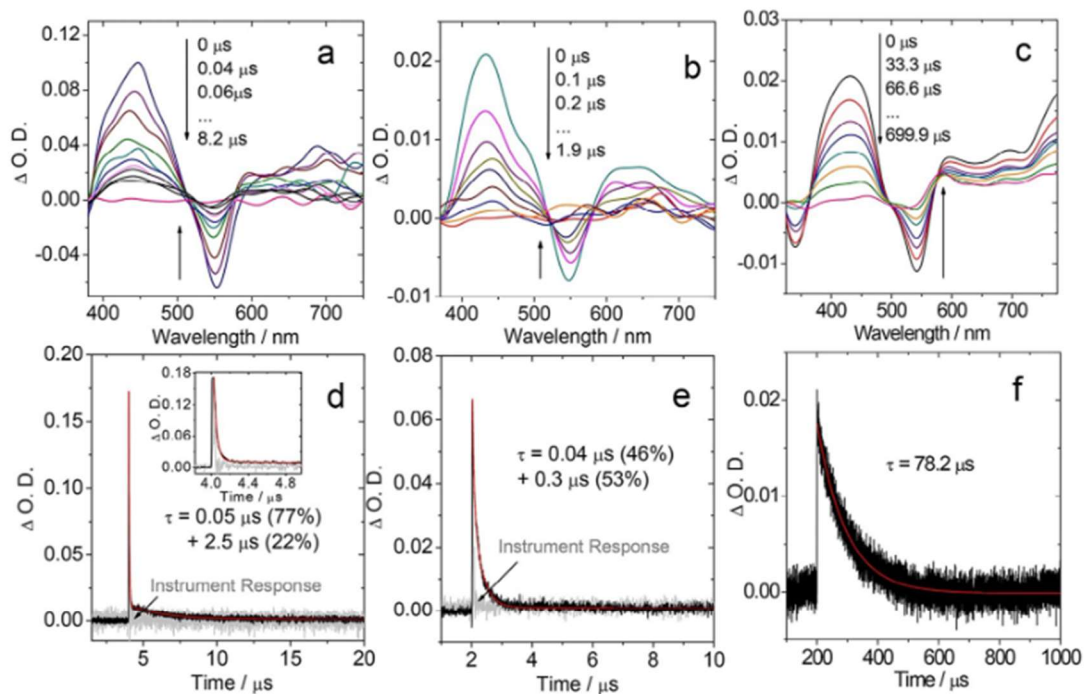
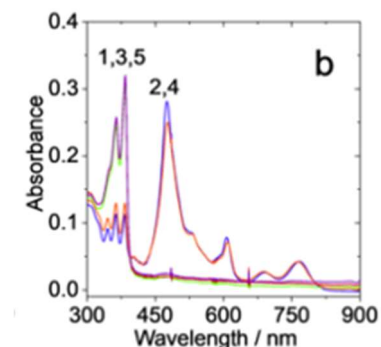
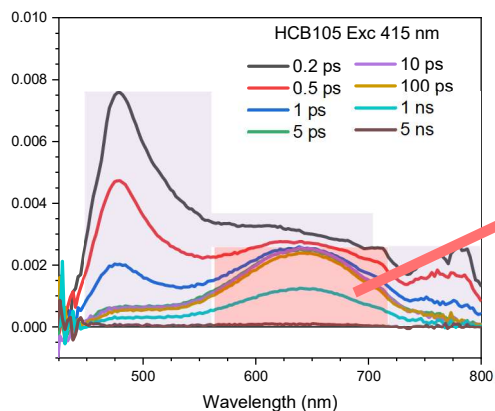
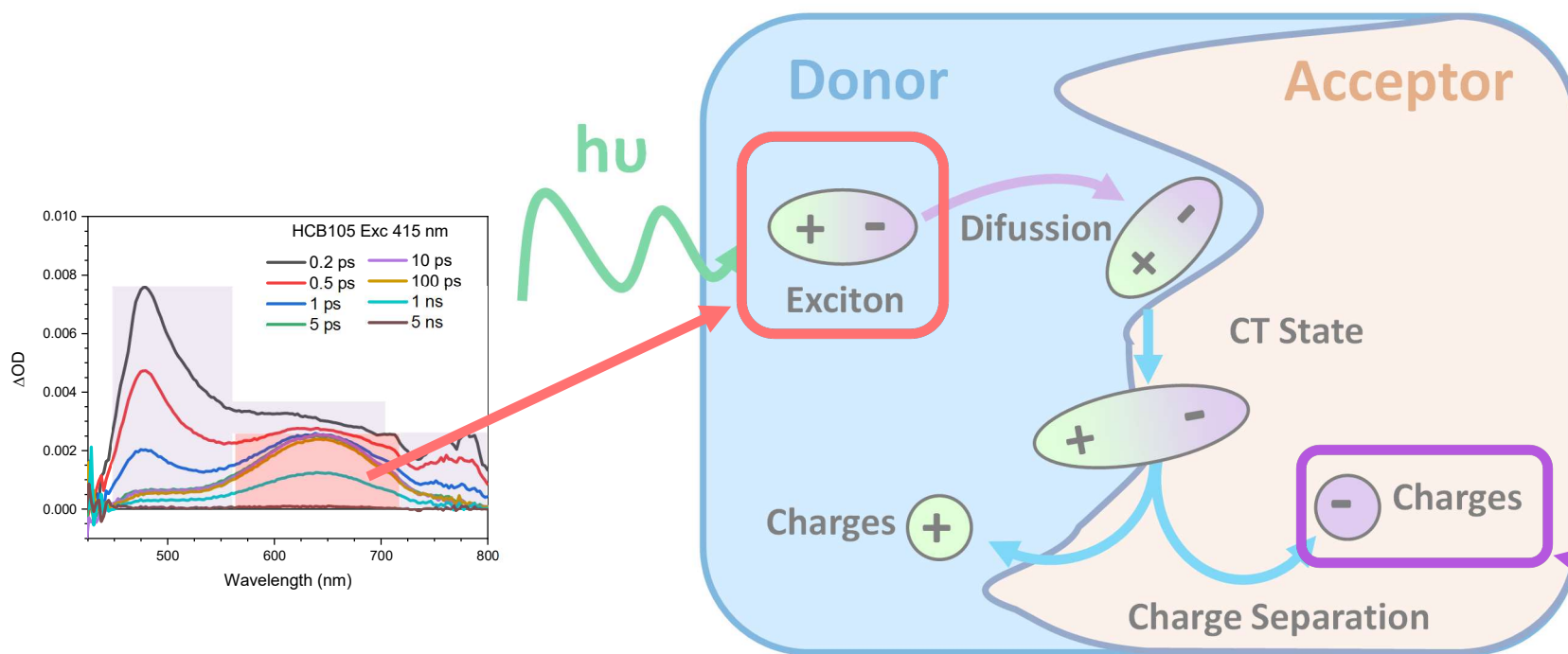
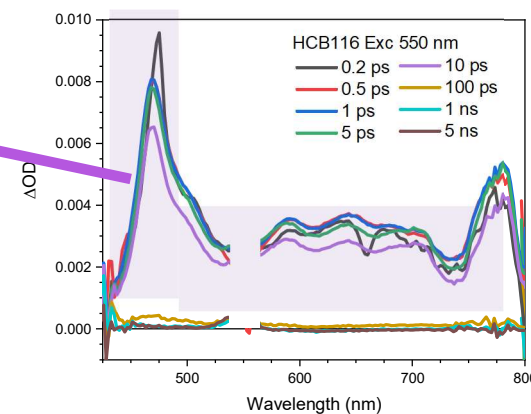


Figure 6. Nanosecond transient absorption spectra of NDI-Ac-Ph-Vz in (a) deaerated and (b) in air-saturated solution. (c) NDI-Ac-Ph in deaerated solution. The decay trace of NDI-Ac-Ph-Vz at 445 nm (d) in N_2 and (e) in air-saturated solution. (f) NDI-Ac-Ph in N_2 , upon ns pulsed laser excitation ($\lambda_{exc} = 532$ nm). $c = 2.0 \times 10^{-5}$ M in toluene, 20 °C. The inset in (d) is the magnification of the early delay time region to show the difference between the instrument response function (IRF) curve and the decay curve of the transient species.

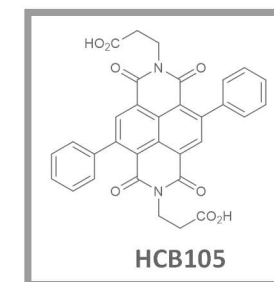
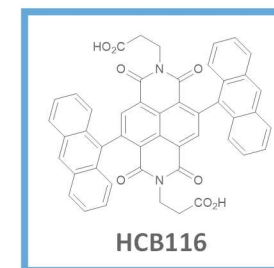
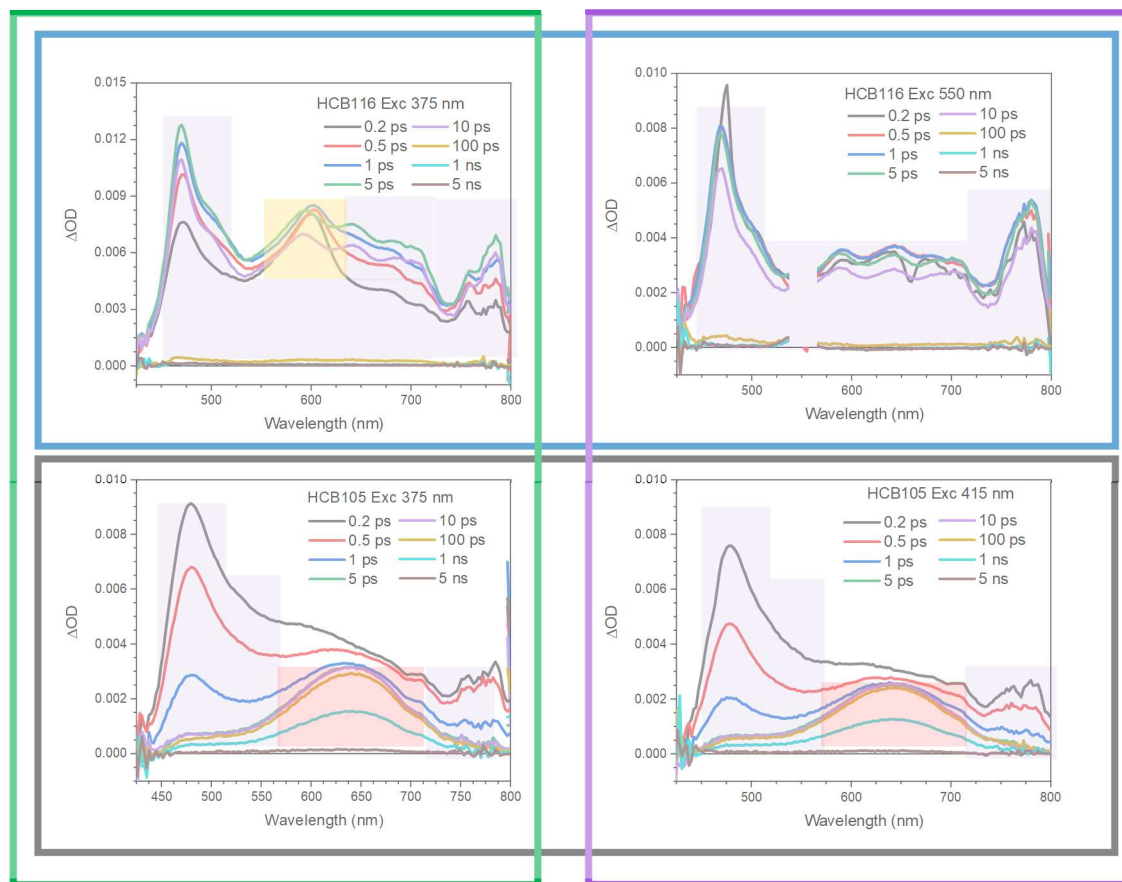
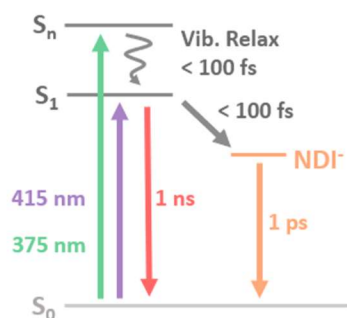
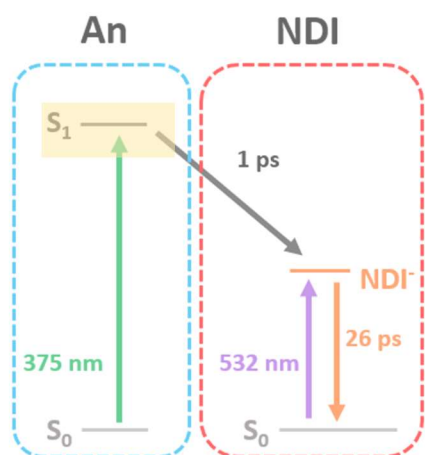
Charge Generation in NDIs



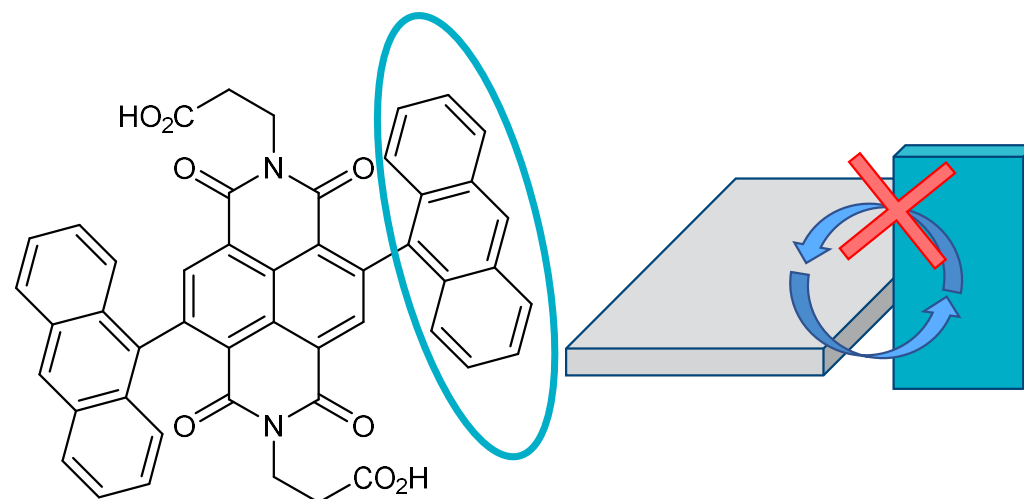
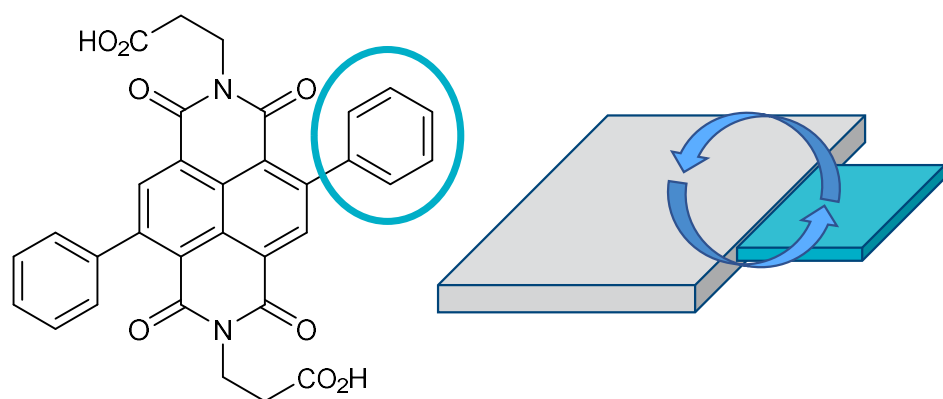
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13, 37, 8740–8748**



Charge Generation in NDIs

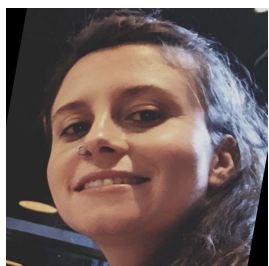


Charge Generation in NDIs



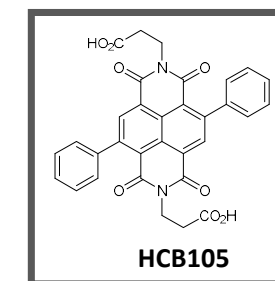
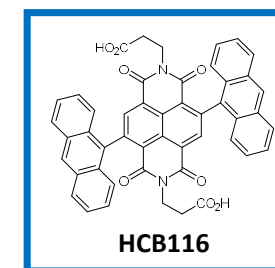
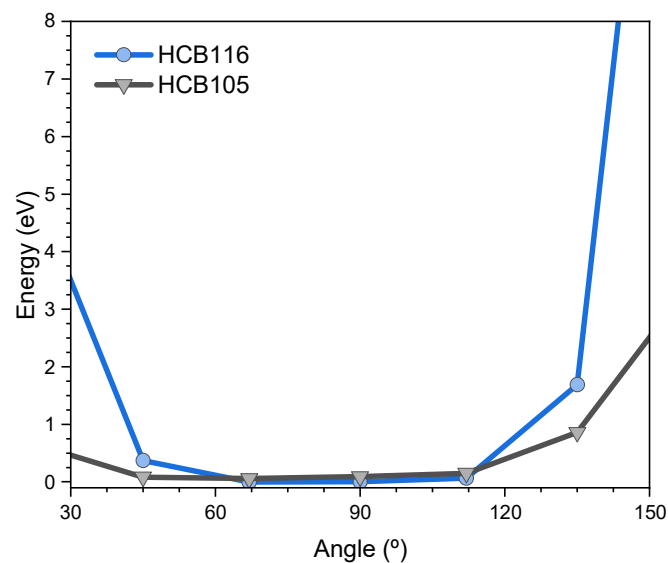
Charge Generation in NDIs

- Still need some data



Dr. Sandra Gómez
Univ. Salamanca
M. Zambrano Fellow

Calculations



Charge Generation in NDIs

