

Fig. S1. Lateral view of the two different pi-bonded columnar arrays in (I), (a) at  $z$  approximately equal to 0.0 and (b) at  $z$  approximately equal to 0.5.

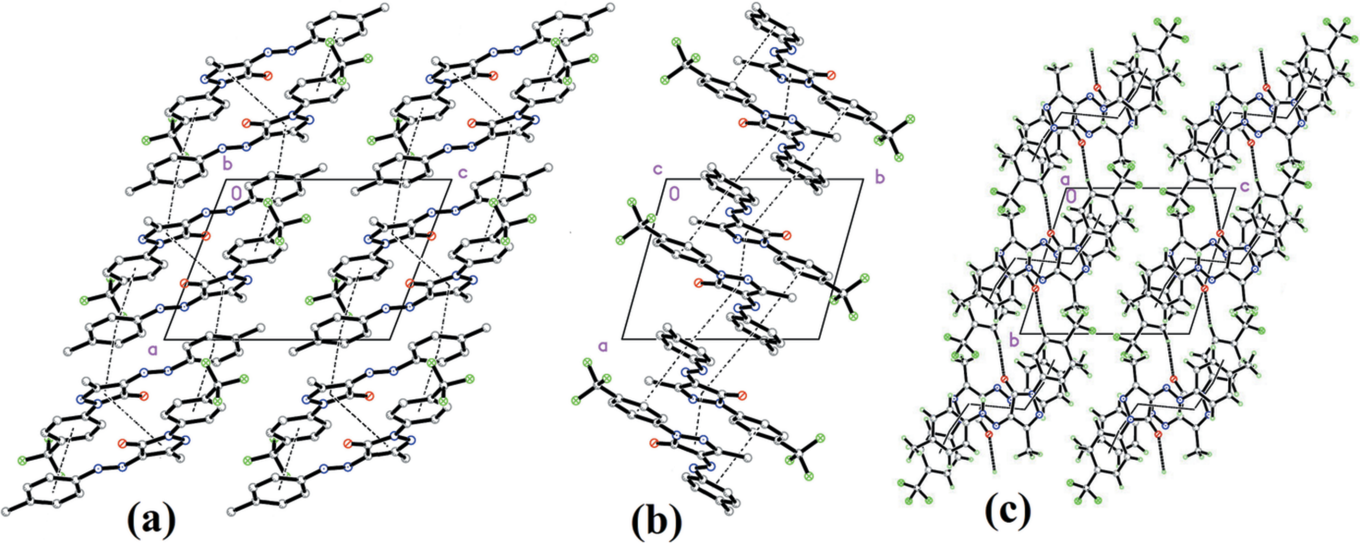


Fig. S2. Different packing views in (II). (a) Lateral view of the unique pi-bonded 'dimeric' columns, projected along  $[010]$ . (b) The same as (a) but projected along  $[001]$ . (c) Downward view ( $[100]$ ), showing side-on the two-dimensional array defined by interpenetrating columns.