## **Supporting information**

## Horizontal molecular orientation of light-emitting oligofluorenes in solution-processed glassy organic thin films

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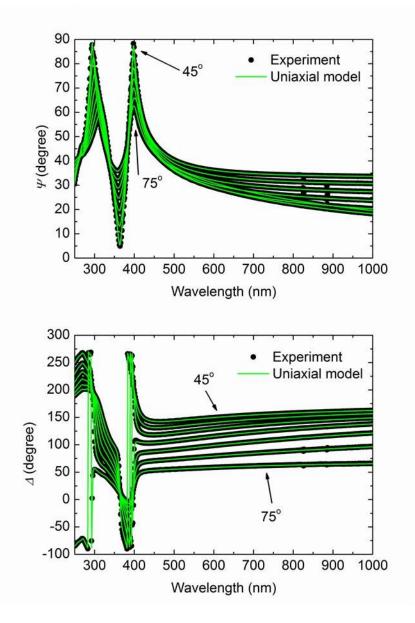


Fig. S1 Experimental and simulated ellipsometric  $\Psi$  and  $\Delta$  data measured at different angles of incidence for a neat film of terfluorene(C6).

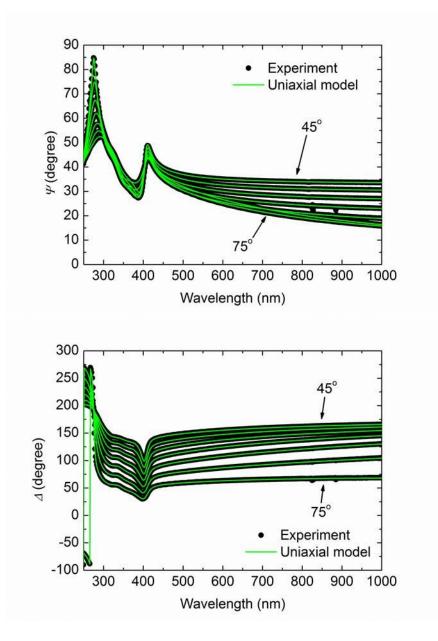


Fig. S2 Experimental and simulated ellipsometric  $\Psi$  and  $\Delta$  data measured at different angles of incidence for a neat film of pentafluorene.

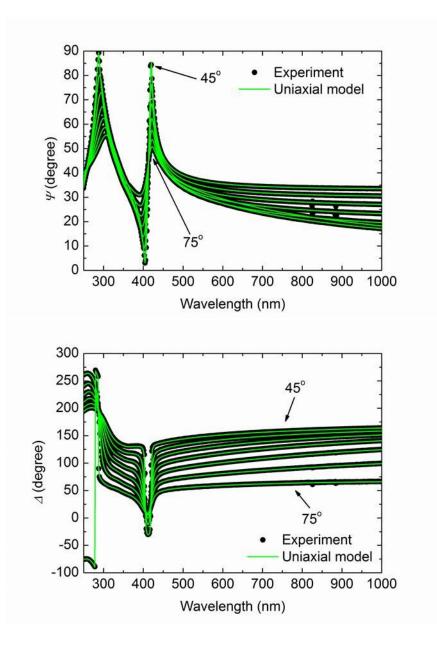


Fig. S3 Experimental and simulated ellipsometric  $\Psi$  and  $\Delta$  data measured at different angles of incidence for a neat film of octafluorene.

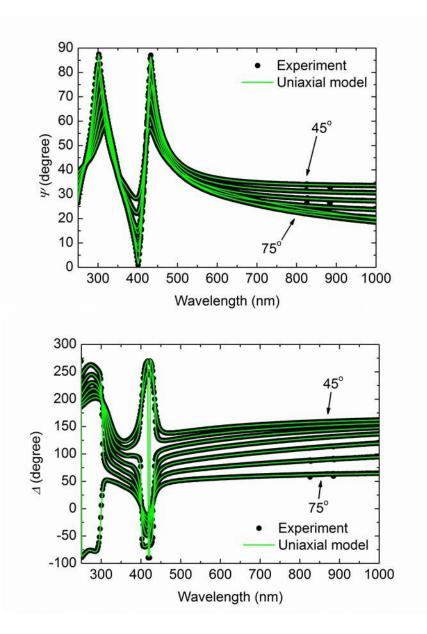


Fig. S4 Experimental and simulated ellipsometric  $\Psi$  and  $\Delta$  data measured at different angles of incidence for a neat film of decafluorene.