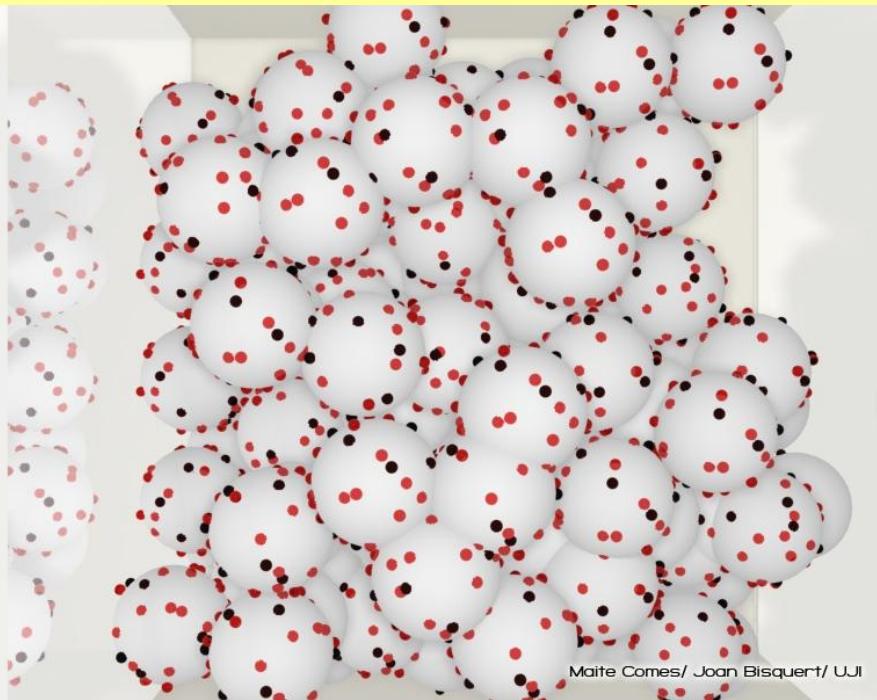
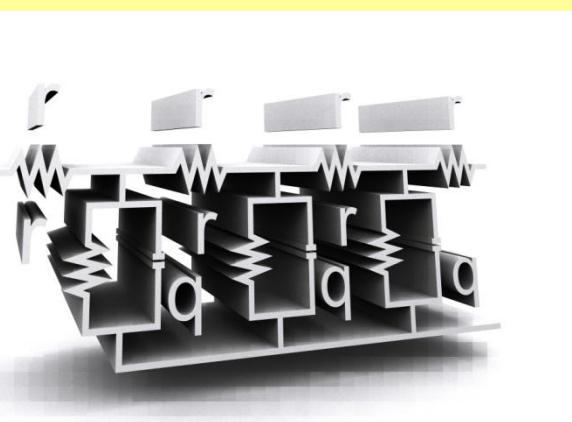


Photovoltaic and Optoelectronic Devices Group



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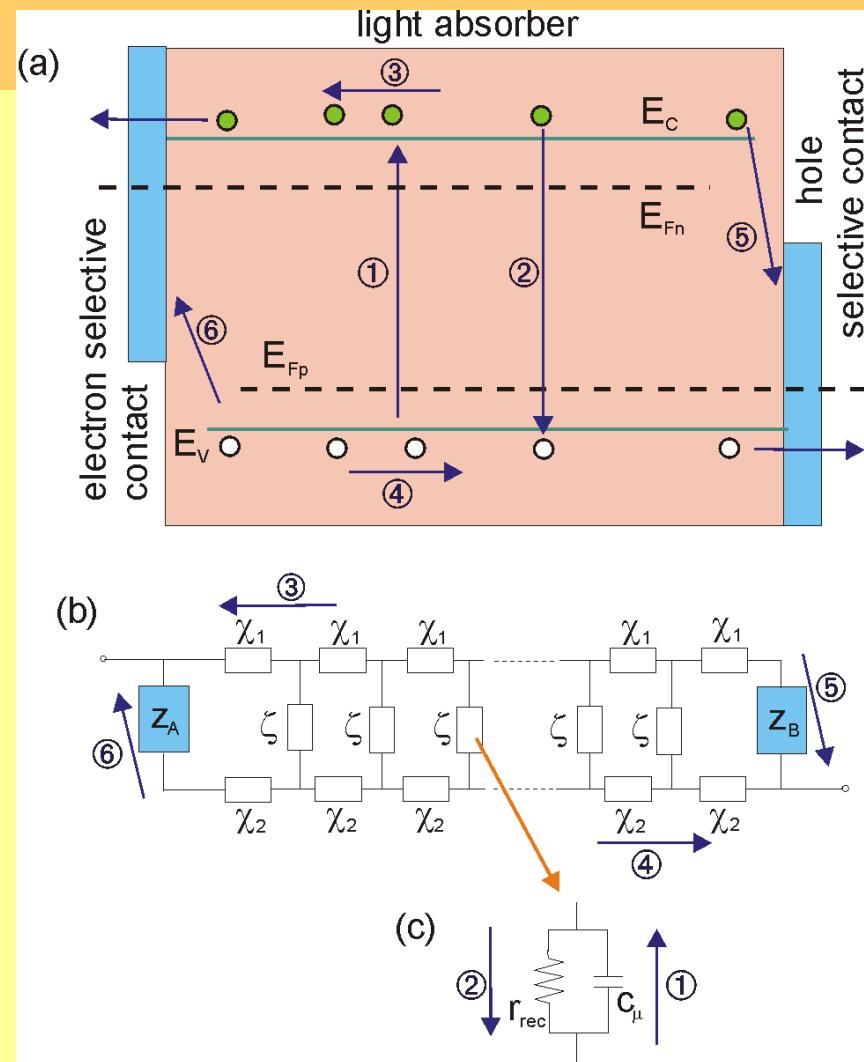
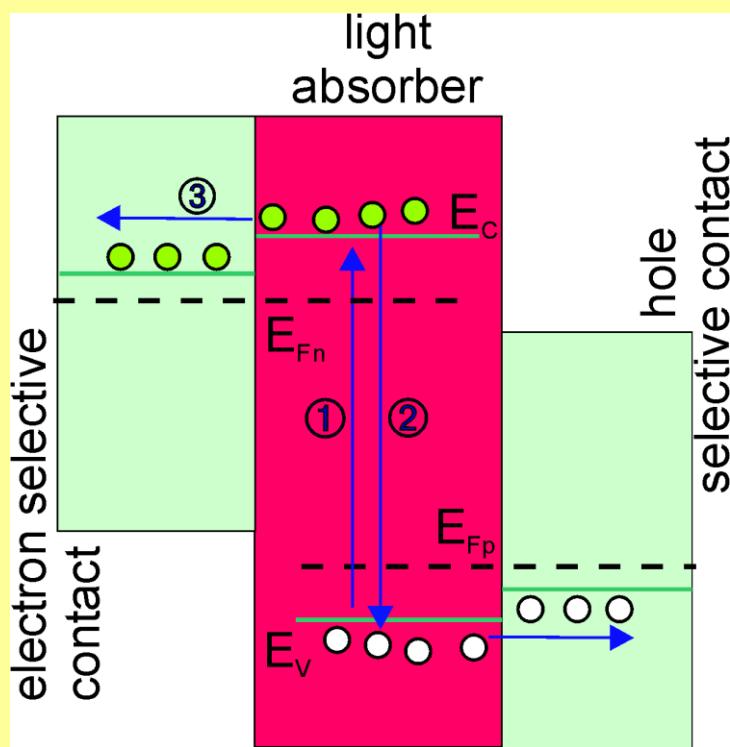
Photovoltaic and Optoelectronic Devices Group

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	Dr. Francisco Fabregat Santiago
Researchers	Dr. Iván Mora Seró
	Dra. Eva M. Barea Berzosa
	Dr. Sixto Jiménez Juliá
	Dr. Thomas Moehl
Administration	M. Dolores Merchán
	Elisa Llorach

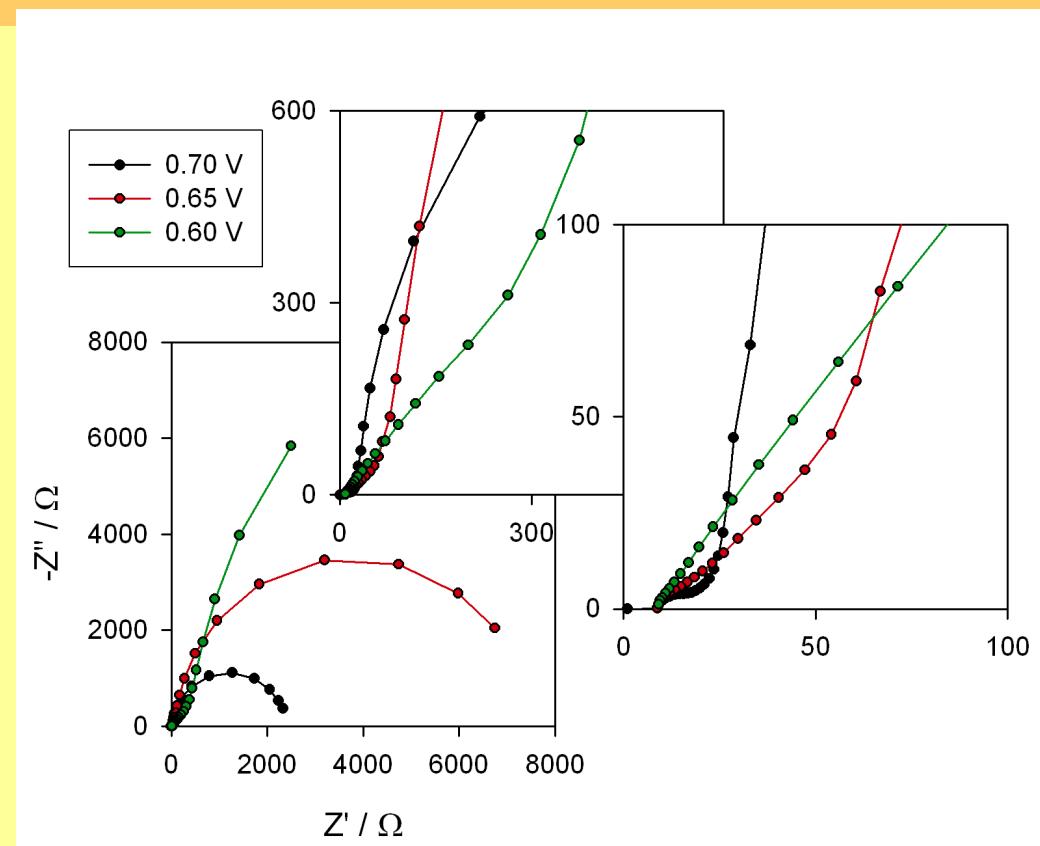
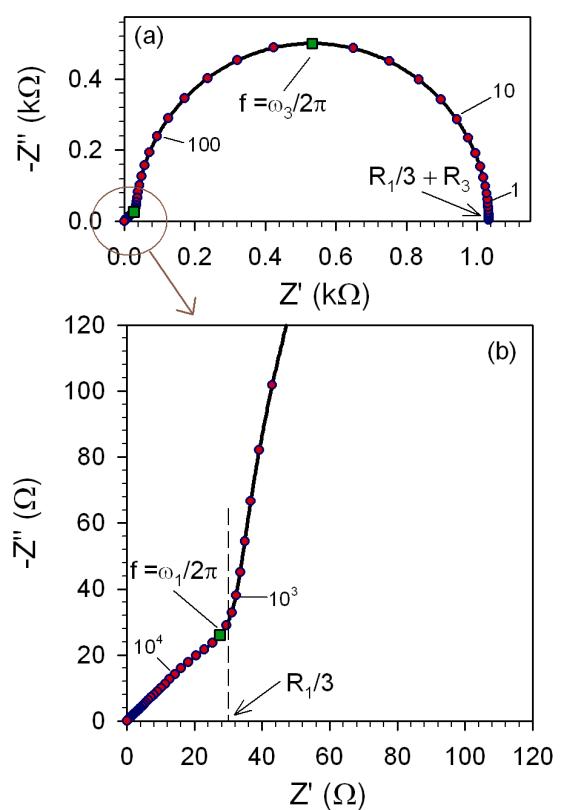
PHD students	Lcda. Lourdes Márquez García
	Lcdo. José María Montero
	Lcda. Fabiola Iacono
	Lcdo. Pablo Pérez Boix
	Lda. Lledó Prades
Visitors (>3 months)	Lcdo. Lorena Macor (Argentina)
	Lcdo. Márcio Gomes (Brasil)
	Dr. Xueqing Xu (China)

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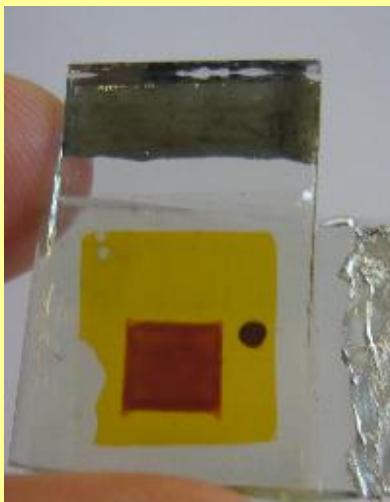
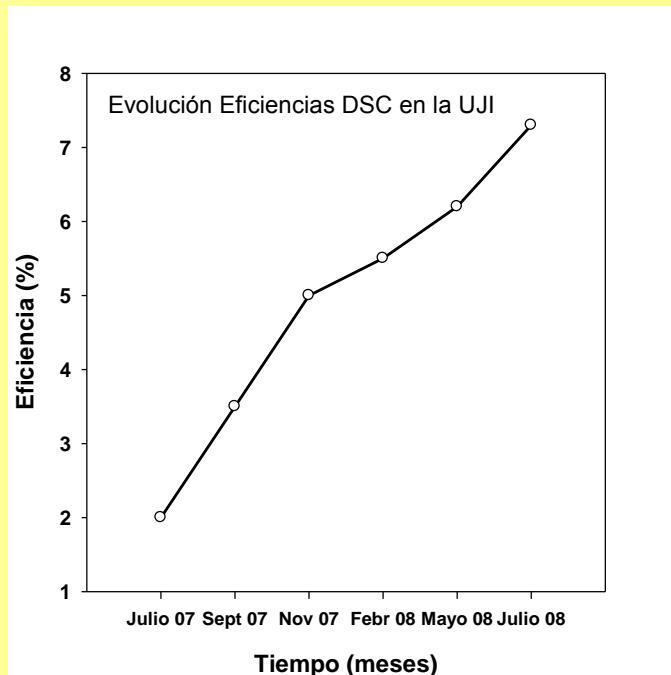


Transport in solar cells-diffusion model

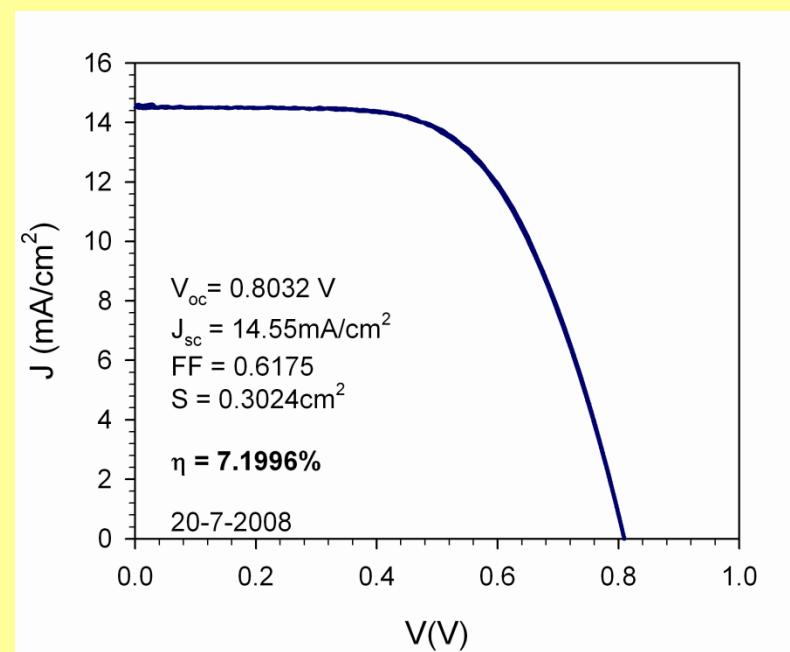


Q. Wang, Michael Grätzel, Francisco Fabregat-Santiago, Juan Bisquert et al., J. Phys. Chem. B. **110**, 25210-25221 (2006)

DSC preparation

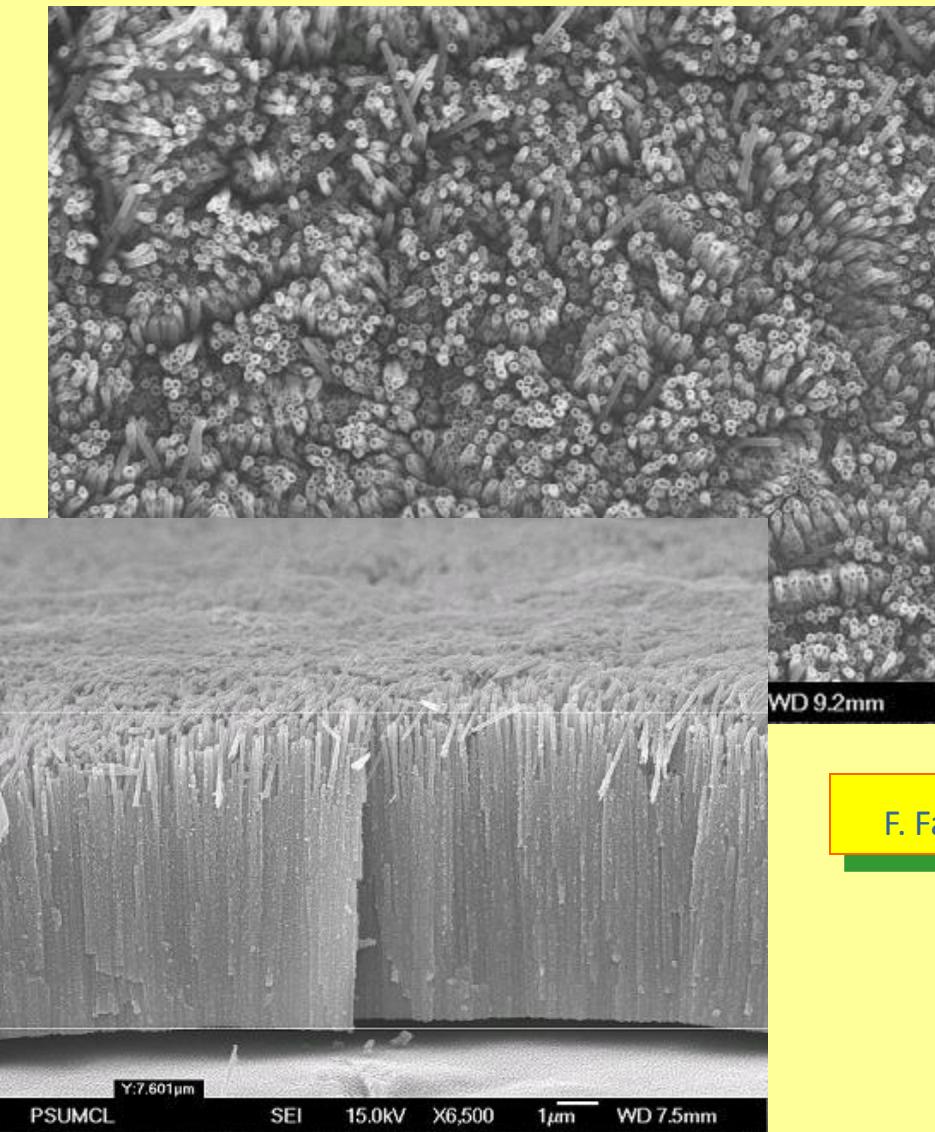


DSC record laboratorio UJI:
7.2% eficiencia referencia con N719
Área 0.3 cm²



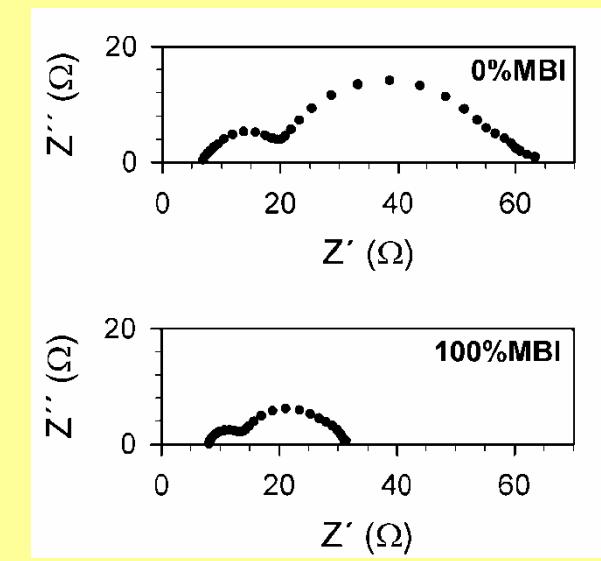
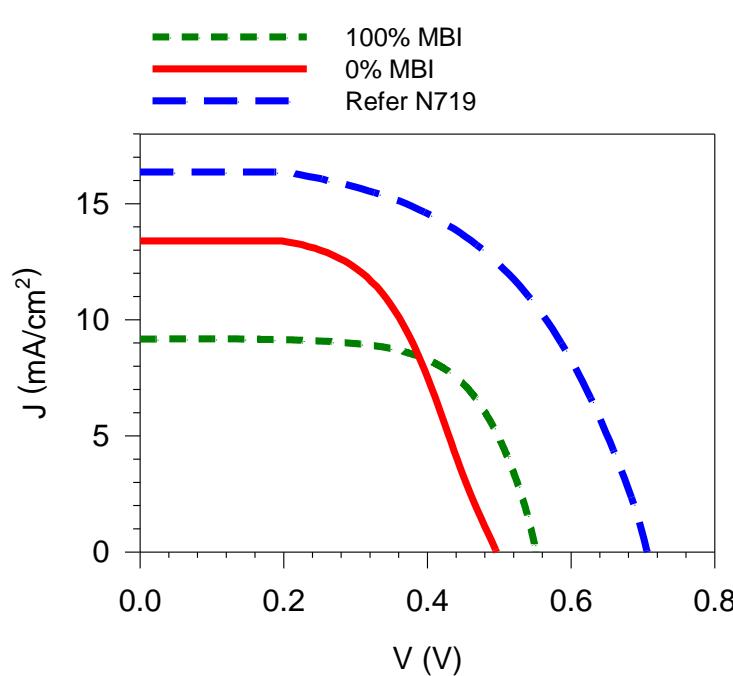
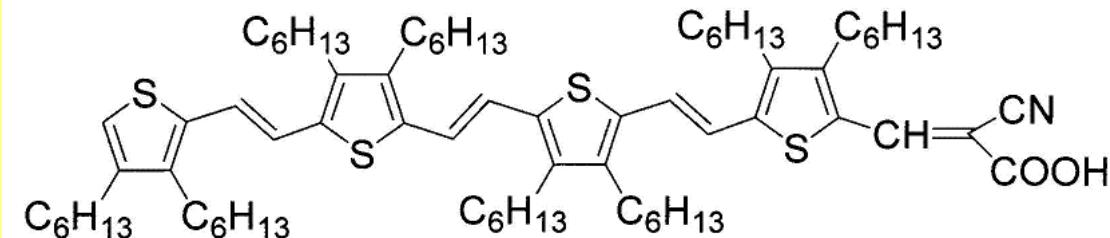


Nanotube dye solar cell

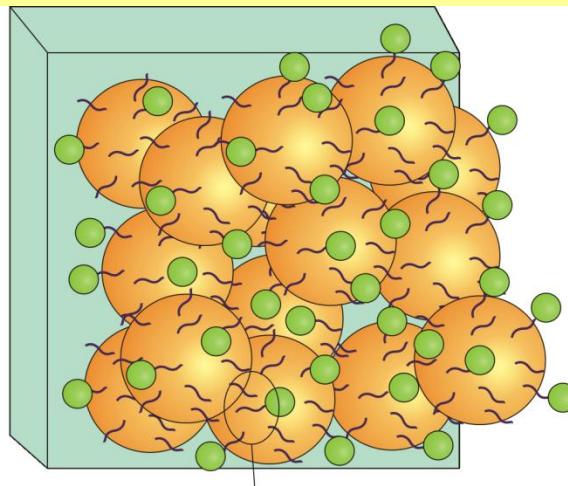


F. Fabregat, J. Bisquert, C. Grimes et al., JACS **130**, 11312 (2008)

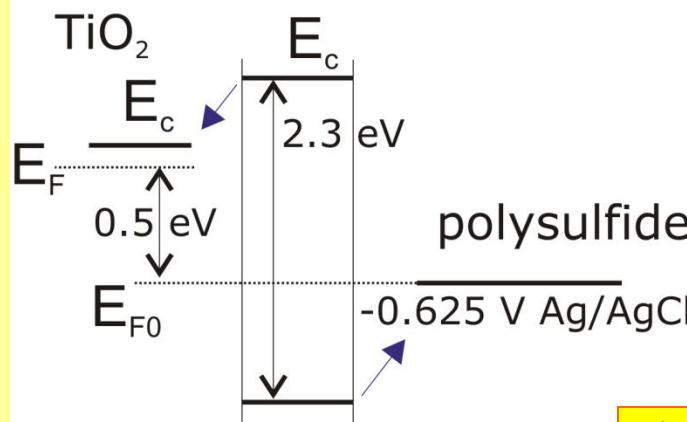
DSC organic dyes



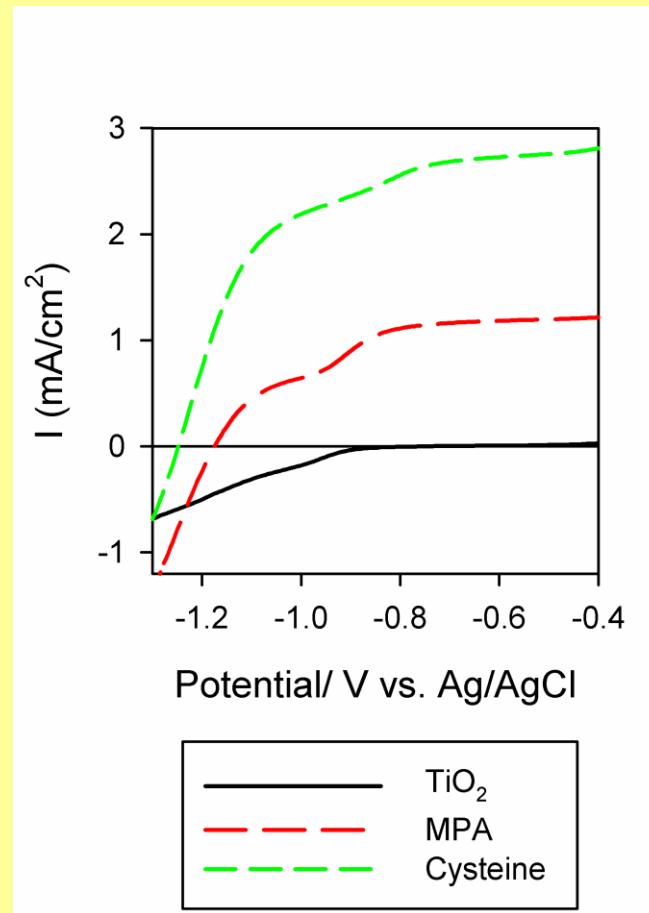
CdSe quantum dot sensitized solar cell UJI-UA



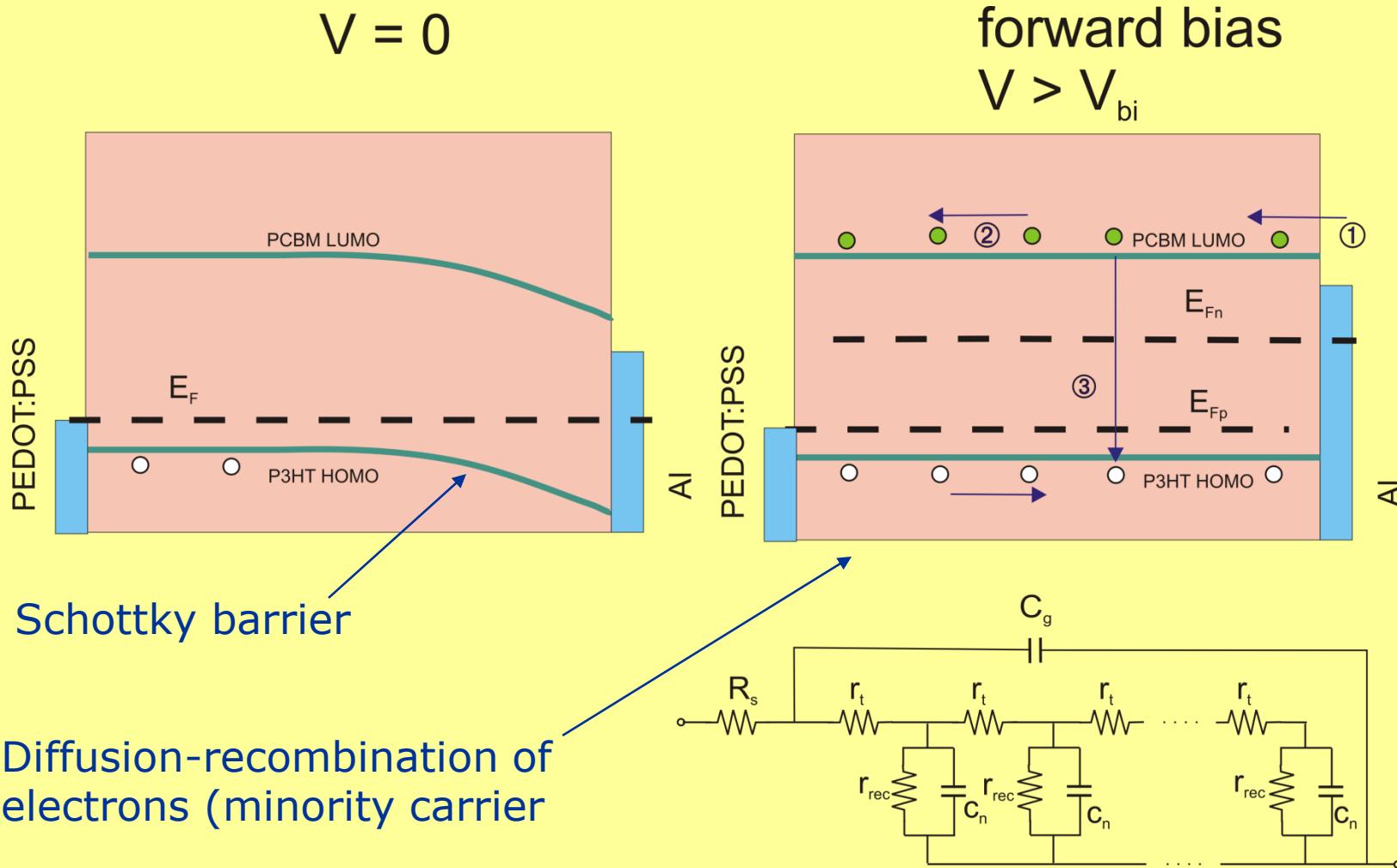
CdSe



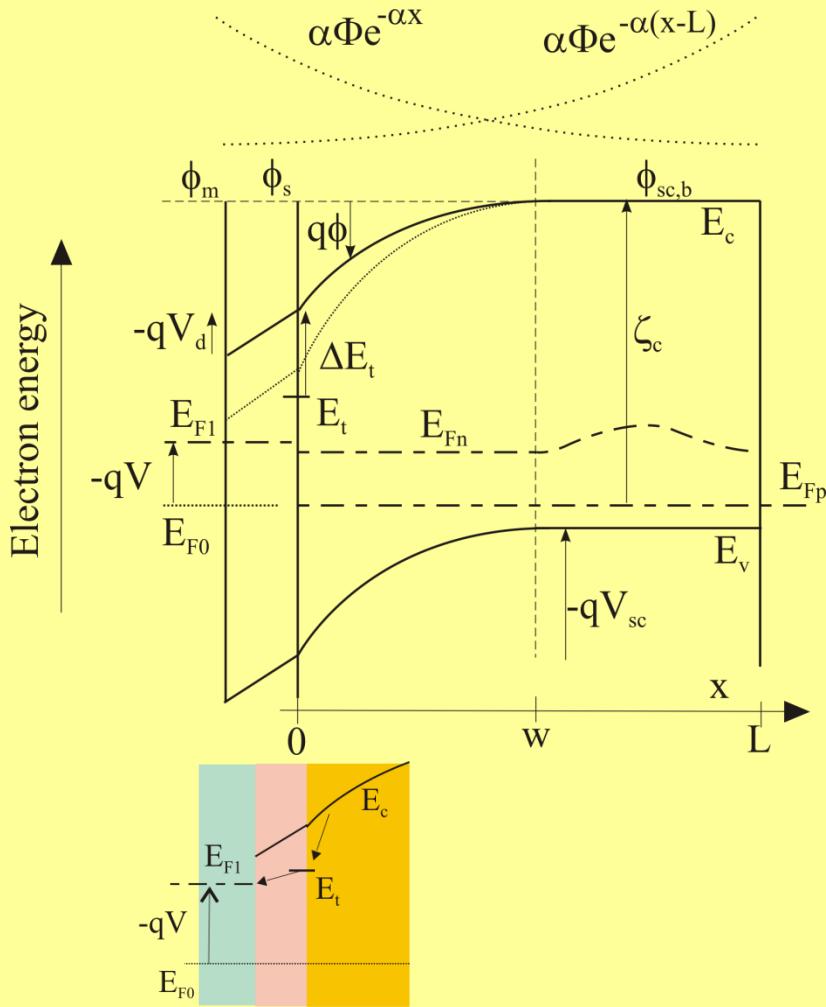
I. Mora-Seró, S. Giménez, T. Moehl, F. Fabregat-Santiago, T. Lana-Villareal, R. Gómez and J. Bisquert *Nanotechnology* (2008)



Characteristics of P3HT:PCBM solar cell



Characteristics of P3HT:PCBM solar cell



dark
light

