

Organic Electronics: From Photovoltaics to Bioelectronics



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My talk spans 3 focus areas within the Centre for Organic Electronics (COE). First an intro to the COE's approach to large scale implementation of organic photovoltaics is discussed followed by a fundamental study of ternary organic solar cells. A brief overview of our upscaling activities in the glucose sensor space is presented. Recently, bioelectronics has become a focus area of the COE, which includes nerve cell regeneration/guidance and artificial retinas. Some preliminary results on artificial retinas will be discussed.