

RSC/ERDF Lecture 201516

Dr Charlie Dunnill

This talk will highlight some of the research that is currently under-way in my research group in Swansea university. We are looking into the use of a new synthesis technique for the production of specific multi-layer materials ideally for photo-catalytic water splitting and solar energy harvesting. The journey will start with a discussion on photocatalytic Titanium dioxide synthesis by various routes and the adaptations that can be made before looking at the the introduction of bi-phasic TiO₂ materials and doped variants thereof.

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