

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 introduction of bi-phasic TiO₂ materials and doped variants thereof.

PRIFYSGOL BANGOR
BANGOR, GWYNEDD,
LL57 2DG

FFÓN: +44 (0)1248 382375/7
FFACS: +44 (0)1248 370528
EBOST: chemistry@bangor.ac.uk
Registered charity number: 1141565

BANGOR UNIVERSITY
BANGOR, GWYNEDD,
LL57 2DG

TEL: +44 (0)1248 382375/7
FAX: +44 (0)1248 370528
EMAIL: chemistry@bangor.ac.uk
Registered charity number: 1141565

www.bangor.ac.uk
www.chemistry.bangor.ac.uk



Ysgol Cemeg
School of Chemistry
Rhagoriaeth ers 1884 | Excellence since 1884