

J. Anthony Byrne

*Reader
Nanotechnology and Integrated BioEngineering Centre
School of Engineering
Faculty of Computing and Engineering
University of Ulster
Northern Ireland
United Kingdom*



J Anthony (Tony) Byrne is a Reader based in the Nanotechnology and Integrated BioEngineering Centre, School of Engineering, at the University of Ulster. He obtained his DPhil in chemistry from the University of Ulster in 1997 and has continued his research into photocatalysis for environmental and medical applications. In 2000 he took over, from Brian Eggins, as Head of the Photocatalysis Group at Ulster. His research has focused on the fabrication and characterisation of photocatalytic materials and their application for water and wastewater treatment, surface decontamination and the photoelectrolytic splitting of water. Byrne has been involved in FP4 and FP5 projects focused on water and wastewater treatment. He is currently PI at Ulster as a lead partner in the European FP6 SODISWATER project which is aimed at the solar disinfection of water for application in developing countries. He has established collaborations with leading international researchers in the area of photocatalysis and has published widely. Byrne teaches nanotechnology at undergraduate and masters level and is Course Director for the new BEng Hons Clean Technology degree at Ulster. He is Secretary to the Northern Ireland Section Royal Society of Chemistry and a committee member of the RSC Photochemistry Special Interest Group.

<http://www.ulster.ac.uk/staff/byrne-1.html>