



## PhD STUDENTSHIP

### **Conducting Polymer Electrochromic Materials Utilising Room Temperature Ionic Liquids**

Electrochromic materials change colour upon the application of an external voltage. Uses include display devices and energy-saving functions (eg. smart windows). The intention of this project is to use relatively inexpensive conducting polymer materials, in conjunction with room temperature ionic liquids, to fabricate new energy-efficient electrochromic films. The project is a collaboration between Dr. Tony Betts, Dr. John Cassidy (DIT) and Professor Edmond Magner (UL).

Applicants should have a good honours degree (2:1 or above) in either chemistry, physics, materials science or a related discipline. They should have a strong interest in inorganic chemistry, nanotechnology, materials science and physical chemistry and/or analytical chemistry and be able to demonstrate good laboratory skills. An annual tax-free stipend of €16,000 plus tuition fees will be available for the successful applicant (who must be eligible for EU tuition fees).

For further information contact:

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