



**SCIENTIST, ORGANIC THIN FILM TRANSISTORS (OTFT)
CTO OFFICE
GODMANCHESTER**

We currently have a requirement for a Scientist to work in the CTO office with a particular focus on organic thin film transistors (OTFTs). This is a varied, hands-on lab-based role which includes the design and development of new fabrication processes, assessing novel functional materials and new device architectures. The role will require the use of established and the development of new fabrication processes to aid the development of materials and device structures with better performance.

You will be required to fabricate and characterise OTFTs in collaboration with the other members in the team, following standard procedures when appropriate. In this role you will analyse results in order to correlate material and process parameters to device performances. You will design, test and implement fabrication processes to further enhance device performance, uniformity and process repeatability. You will be required to actively participate in activities to expand CDT's Intellectual Property (IP) portfolio as well as maintaining a culture of health and safety within the laboratory.

Ideally educated to MSc level or equivalent in Physics, Physical Chemistry, Engineering, Materials Science or a related subject, you will have experience of conducting research in the fields of polymer or molecular electronics or thin film transistors. You will have experience in the deposition and characterisation of thin films using both surface analysis techniques and electrical characterisations and experience of correlating film properties to device performance.

A self motivated individual, you should be able to show initiative and creativity and be able to operate independently in a laboratory environment. You will be good at problem solving, have strong team playing and interpersonal skills, including the ability to communicate effectively at all levels and the ability to report back results accurately and in a timely manner. You must have a good eye for detail, excellent organisational skills in order to meeting tight deadlines and be able to demonstrate an adaptable and flexible approach to work in a dynamic and changing environment.

This is an outstanding opportunity to be part of a dynamic environment where your contribution will earn full recognition and reward. CDT offers a competitive salary and benefits package including 27 days holiday, private health and dental care, life assurance and pension scheme. Please apply with full CV to: The Human Resources Department, CDT Ltd, Building 2020, Cambourne Business Park, Cambridgeshire CB23 6DW. E-mail: careers@cdtltd.co.uk. Please quote the reference 'Scientist, OTFT' in the subject heading.

A full job description is available on request.

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