



SCIENTIST, PHYSICS - ORGANIC PHOTODETECTOR RESEARCH GODMANCHESTER

CDT currently requires a Physicist to work as part of our organic photodetector (OPDs) research team, to evaluate novel materials and architectures and to propose novel approaches to enhance device specifications.

In this role you will co-ordinate experiments, fabricate devices and conduct optical and electrical characterisations, together with the analysis of results to enhance fundamental understanding of OPD devices and to develop key Intellectual Property.

Ideally, you will hold a PhD in Physics, Electrical Engineering or other relevant discipline. Alternatively a degree in Physics with equivalent research experience gained within an industrial or academic environment would be acceptable. You must have experience in electronics, optoelectronics and/or semiconductor device physics and ideally exposure to research focussed on developing and demonstrating materials for new technology applications. Experience of using materials in prototype device structures, to demonstrate desired functional properties, and of identifying and developing theoretical models and implementing them alongside experimental work would be beneficial.

You must be proficient in device characterisation using relevant test equipment and able to develop novel techniques to improve understanding and capabilities. You must have experience in fabricating devices in a cleanroom environment and the ability to follow standard procedures to ensure control and traceability. You will be able to analyse results, draw conclusions and clearly communicate conclusions and recommendations.

We are looking for a highly motivated individual, methodical and with excellent problem-solving skills who will thrive in a fast paced and stimulating research environment.

CDT offers a competitive compensation and benefits package including 27 days holiday, private health and dental care, life assurance and pension. In addition, CDT operates a flexi-time scheme. Please apply with full CV to: The Human Resources Department, CDT Ltd, Unit 12, Cardinal Park, Cardinal Way, Godmanchester PE29 2XG. E-mail: careers@cdtltd.co.uk. Please quote your name and the reference 'Scientist, OPD Physics' in the subject heading.

CDT will process personal data in accordance with CDT's Privacy Policies, as published on CDT's website at www.cdtltd.co.uk

A full job description is available on request.

Closing date: 2 June 2019

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