



## POST-DOCTORAL RESEARCHER, PHYSICS PLATFORM INNOVATION

CDT currently requires a Post-Doctoral Researcher within CDT's Technology Scouting and Feasibility team (Platform Innovation) to propose, investigate and evaluate novel projects and technologies associated with the themes of "sustainability" and "digital transformation".

In this role you will perform detailed assessments of the status and trends of diverse physics-related technologies and recommend areas of strongest potential interest. Building on this you will develop well-considered project proposals and will design and perform experiments to deliver the identified goals and make recommendations regarding scientific and commercial viability. There will be significant opportunities for creative contributions of ideas and you will be expected to generate new Intellectual Property (IP).

You will have excellent academic credentials, including a PhD in physics or a physics-related subject, with a broad-based research background of developing and demonstrating materials for new technology applications and of solving complex problems. As an experienced researcher, you will have worked on projects relating to one or more of the following areas: electronic or optoelectronic device physics; computer science; statistical analysis. Additionally, with an aptitude for experimental work, you will have practical experience of using materials in novel prototype structures and of designing experiments and developing testing procedures to evaluate an underlying theory.

This is an exciting opportunity for a creative and talented researcher to make a significant contribution towards shaping the future R&D programme within CDT and creating new business opportunities for CDT's parent company, Sumitomo Chemical Co.

This role is offered on a temporary contract until the end of March 2020.

CDT provides a dynamic work 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. In addition, CDT offers 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](mailto:careers@cdtltd.co.uk). Please quote the reference 'Post-Doctoral Researcher – Platform Innovation' in the subject heading.

A full job description is available on request.

Closing Date 4 February 2019.

CDT will process personal data in accordance with CDT's Privacy Policies, as published on CDT's website at [www.cdtltd.co.uk](http://www.cdtltd.co.uk)