

RESEARCH SCIENTISTS - NEXT GENERATION PHOTOVOLTAICS

Sharp Laboratories of Europe, Oxford, UK

www.sle.sharp.co.uk

Sharp is a world leader in solar cell manufacture and is a driving force in the development of future renewable energy technologies. Sharp Laboratories of Europe Ltd. carries out research and development activities that play a key role in helping Sharp to innovate and create the technologies of the future. SLE is building a comprehensive research and development programme on innovative technologies for renewable energy, primarily based on exploiting the power of the sun. We are seeking candidates to drive innovation in this area, from materials through device and product.

The post holder will be responsible for developing the next generation nanoscale solar cells with high efficiency and low cost. Working in a team environment, the role requires innovation and development of key technologies based on new fundamental mechanisms to increase overall solar cell efficiency and reliability.

Successful candidates will have experience in the following areas:

- Dye-sensitized, hybrid or organic solar cells
- Photo-electrochemical conversion systems
- Nano-materials for solar cells

Ideally you will have a PhD in chemistry, physics or materials science. In the case of more experienced candidates, a track record of quality and innovation in research as evidenced by significant publications, patents or other achievements is required. Relevant industrial experience will also be beneficial. In addition, candidates should be strongly motivated, possess good communication skills and show evidence of an ability to work effectively as part of a team.

In return, we offer an excellent relocation and employment package including competitive salary, pension, life assurance and local amenity benefits, with excellent training and career development prospects.

HOW TO APPLY:

Applicants should send a covering letter and CV to the HR department at jobs@sharp.co.uk quoting ref: SLE-SOL/SB01 in the subject line.