

SENIOR RESEARCH SCIENTIST - SUSTAINABLE ENERGY TECHNOLOGIES

Sharp Laboratories of Europe, Oxford, UK

www.sle.sharp.co.uk

Join us to work on the most important technical challenge of this decade, the transition to a low carbon economy and efficient use of energy. In support of this goal, Sharp Laboratories of Europe has established a Home Energy Management Program to develop system-level and device-level technologies to complement our existing solar research program. We are expanding our energy team to develop the next generation of technologies for very low net-energy or "eco" house, combining renewable energy generation, conversion, storage, monitoring and management, both electrical and thermal.

Sharp is well known as a leading consumer displays company and Sharp Laboratories of Europe has produced many of the innovative technologies used by the company. This is an amazing opportunity to achieve the same in our multidisciplinary Energy Technologies Team. The post holder will be expected to bring a high level of expertise and creativity and will share our passion for turning research into successful products.

Primary responsibilities will include:

- Creation of new ideas and product concepts
- Demonstration of new low carbon energy technologies
- Leading and executing research projects from concept through to demonstration of principle

Successful candidates will possess the following qualifications and abilities:

- Knowledge and experience of energy management in built environments (electrical/thermal), either through a post graduate or industry role
- Development of smart energy systems, or novel/integrated systems that deliver improved energy efficiency
- Knowledge of Home energy management systems including (but not exclusively) control systems design, software/application, interfaces, and energy storage technologies such as fuel cells, batteries and thermal energy storage would be an advantage
- A track record of quality and technology innovation
- A Physics, Engineering or Materials degree with 2.1 or 1st, preferably with a higher qualification
- Strongly motivated, with good communication skills
- Be able to work effectively as part of a multi-disciplinary 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-SDG/AG05 in the subject line.