

Positions available: Engineer/Researcher with materials processing, design, fabrication and forming experience

Ilika has developed a manufacturing process for the production of thin film solid state micro-batteries. In the last 18 months the Stereax® M250 and P180 cells have been launched.

Using our combinatorial and high throughput materials development platforms for thin films and bulk materials we have recently identified an opportunity to develop larger format solid state batteries targeting cells with capacities on the order of 1 Ah (as indicated on the Ilika Stereax® Roadmap on our website). The large format roadmap develops energy dense, safe cells for electric vehicles and stationary power. The development of the large format batteries requires a change in our manufacturing process from thin film vacuum based techniques towards printing and additive manufacturing approach with a strong focus on bulk ceramic materials processing.

We are looking for people to join this team that bring with them experience in the processing of ceramic composites and their subsequent packaging into functionally integrated casing structures.

The ideal candidate will have a strong affinity for hands-on activities with a bias towards mechanical design using CAD software relevant to tooling, fixture and packing design. They will also have taken design work through to the fabrication and testing stages, ideally within the context of electro-ceramics devices. A history of working with a host of different materials and forming and joining techniques, such as drawing, pressing, stamping, and laser welding, in a product commercialization environment would be advantageous.

Ilika is a publicly listed company with its head office in Southampton. We offer the successful candidate a competitive package and the opportunity to be part of a world class research team using state of the art equipment in a supportive environment.

Applicant must be eligible to work in the UK.

Ilika is an equal opportunities employer and positively encourages applications from suitably qualified and eligible candidates regardless of sex, race, disability, age, sexual orientation, gender reassignment, religion or belief, marital status, or pregnancy and maternity.

Contact: careers@ilika.com

Ilika Technologies Ltd
Kenneth Dibben House
Enterprise Road
University of Southampton Science Park
Chilworth, Southampton. SO16 7NS.

Telephone +44 (0)23 8011 1400
Fax +44 (0)23 8011 1401
website www.ilika.com