



Laser Applications Engineer

Location: Didcot, Oxfordshire UK
Department: Industrial Division
Position Type: Full Time
Closing Date: 11th December 2009

Oxford Lasers is looking for a highly-skilled, innovative and hands-on engineer or scientist who will be passionate about laser technology, inherently motivated and commercially focussed to contribute to the continued growth and success of our business. We develop leading edge technologies based on laser microprocessing for products such as solar cells, lab-on-chip devices, organic LEDs, gas sensors for a range of markets from automotive to semiconductor. Our success depends on flexible and committed staff prepared to ensure we meet our customers' targets. We frequently work with tight time schedules on demanding, complex multidisciplinary projects that often require frequent international travel.

Job Description and Responsibilities

A wide ranging role in the development and implementation of advanced laser micromachining processes. This will include:

- Developing processes and techniques for specific high-end applications and customer requirements. This could involve the production of samples and production parts.
- Participating in large collaborative research projects with partner organisations. This may involve running trials and evaluations at other partners' sites
- Contributing to internally funded development projects and leading specific portions of them. These are targeted at commercially valuable future applications.
- When required, presenting the results of this work to a wider audience and promoting the company to potential customers.
- Supporting the design, development and manufacture of new generation micromachining systems produced by the company

Education and Work Experience

- Good degree in Laser, Optical Engineering, Physics, or equivalent practical experience. A postgraduate qualification (MSc, PhD) would be an advantage.
- At least two years (2+) hands-on experience in the field of laser or laser systems– preferably solid-state or excimer lasers. Knowledge of ultrafast laser systems or thin film ablation an advantage

Required Skills

- Strong working knowledge in lasers, optical beam delivery, laser microprocessing and machine control programming
- Proactive problem-solving capability - able to take problem ownership and drive solutions forward, working to tight deadlines in customer focussed discipline
- Very good oral and written communication, presentation and team skills
- Experience in project management or customer support an advantage

We offer

- Competitive salary based on experience
- 25 days holiday
- Group Personal Pension
- Private Medical Scheme
- Childcare Voucher Scheme

For more information please contact:

Dr Dimitris Karnakis, Phone: +44 –1235-814-433 email: jobs@oxfordlasers.com