

## Pioneering sensing applications in harsh environments

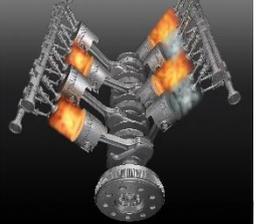


**Job Title:** Automation & Robotics Engineer  
**Location:** Greater London, UK  
**Basis:** Permanent

**Great job opportunity!** This young high tech company offers cutting edge technology development with international clients and a top team of engineers and scientists. This company pioneers the latest in temperature mapping. Award winning, cultural and technical diverse, innovative and working with the best blue chip companies, universities and engineers globally, this is the place for an enthusiastic and ambitious engineer. With a strict customer focus we will push the technological envelope to the limit. Are you up for this challenge? Get in touch!



SCS develops sensor technology based on smart luminescence materials that measures past temperatures for applications in demanding environments. The patented and award winning temperature detection technology enables the optimised operation of machinery, better equipment life-time predictions, lower fuel costs and lower CO<sub>2</sub> emissions and a better understanding of material integrity in high temperature environments. Main industrial sectors for application are the power generation industry, aero engines, automotive and machinery operating in extreme environments. The current team provides a strong blend of commercial and technical, world leading expertise.



The management team consists of ex-Harvard, Oxford and Imperial alumni. The technical team received the *British Engineering Excellence Award 2013* and the *Royal Society of Chemistry Enabling Technology Prize* and several other technical awards from prestigious international institutions such as the *American Society of Mechanical Engineers (ASME)* and *Institute of Mechanical Engineers (IMechE)*.

SCS is currently seeking an

### Automation & Robotics Engineer

#### Requirements & skills:

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- The candidate will have an excellent higher education degree in mechanical engineering or relevant disciplines and will have ideally a few years of industrial experience.
  - He should be familiar with robotics and automation systems (mechatronics, motor control, encoders, mechanical design etc) and prove relevant experience.
  - Knowledge of robot arms, sensors, electronics and related software development (CAD software eg Solid Edge)
  - A good understanding of software development and acquisition/processing of signals (eg Labview, Python, Matlab).
  - Experience in documenting progress to the technical team and to customers – proficiency in spoken and written English is a must.
  - Valid working permit for the UK

Several years of professional experience or a PhD are desired, but excellent university graduates are welcome to apply.

**Responsibilities:** He/she must be able to solve technical challenges independently and in a team, demonstrate creative thinking and deliver results to deadlines. His/her major activities will be the integration and development of automated systems with the laser based measurement technology of SCS. His/her role will also support in the software and hardware development of opto-electronic readout devices based on laser induced luminescence.



The company expects the candidate to lead the development process towards industrial needs and specifications and certifications (CE). Strong communication skills are required to form and maintain good customer and supplier relationships. The job requires a practical approach with a strong emphasis on laboratory based work and software development. Overseas travel in Europe, the US and in the Far East for installing instrumentation or for measurement campaigns is expected.

We will guarantee an open and challenging working environment in which your role and responsibilities will develop as the company grows. The remuneration will be between £25K and £40K salary commensurate with experience.

Please send your CV, two references and a relevant covering letter by email to Joe Parker. Tel: 01530 833 825 or email: [j.parker@europrojects.co.uk](mailto:j.parker@europrojects.co.uk)

[www.sensorcoatings.com](http://www.sensorcoatings.com)

**Closing date: 9<sup>th</sup> April 2018.**