



Senior Design Engineer (Ref.SD5223)

Renishaw are currently seeking to recruit a Senior Design Engineer to work in the Spectroscopy Products Division (SPD), specifically within the Divisions' Specials Team.

The key outputs and deliverables of the role are as follows:

- Supervision of a small, well-motivated, design team
- Responsibility for producing effective first time solutions to customer specification, against tight time and budgetary constraints

Qualifications and expertise:

All applicants are required to have the following:

- A PhD qualification in physical science with proven expertise of working in spectroscopy
- Practical expertise in project planning, organisation and prioritisation
- Good practical skills and a thorough understanding of optical and electro-mechanical principles
- Working knowledge of the operation, alignment and integration of laser systems
- The ability to read engineering drawings
- Familiarity with CAD
- Working knowledge of Material Science
- A full valid passport is required for occasional travel abroad

Although not essential, it would be desirable if applicants have one or some of the following:

- Specific knowledge/expertise of Raman spectroscopy
- Expertise in instrument design, build, test and/or qualification
- Working knowledge in design and programming test routines in Visual Basic .Net or similar
- Knowledge of relevant electrical/laser/regulatory standards and safety protocols
- A working knowledge of other related technologies eg SEM, AFM/NSOM, IR
- Familiarity of commercial contracts

Person specification:

The successful applicant will possess good organisational skills with the proven ability to plan, prioritise and record information. They will have strong interpersonal and communication skills, and be able to work well within a fast moving design environment. Self-motivation and a can-do attitude are essential. The individual will also possess an analytical mind with a systematic approach to trouble shooting, and an innovative nature when problem solving/designing. Good attention to detail is also important. For the right candidate, this role offers the prospect of further career development in due course.

Location:

This role is to be based at Old Town, Wotton-under-Edge, Gloucestershire, with some occasionally travel overseas throughout the year.