

JOB REQUIREMENTS:

OPTICAL ENGINEER

Description:

We are seeking to incorporate an Optical Engineer to join our growing team. IRIS is an advanced engineering company that specializes in process monitoring and control solutions & novel technologies for process optimization. You will work as part of a team of scientists and engineers involved in different R&D projects related to industrial solutions in different fields (food, pharma, chemical and materials). We operate in a demanding high-performance environment where you will be continually stimulated and you will grow a lot. Up for it?

Essential **Job Functions** include the following but are not limited to:

- Design and building of optical/optomechanical systems in new product development in an R&D environment.
- Participate in all development phases; specifications, design, building, internal tests of acceptance, installation and validation at client's facilities.
- Carrying out state-of-the-art studies.
- Creatively ideating complete technological solutions.
- Performing hands-on tasks of optical alignment and measurement.

Role description:

The candidate will take an active role in the product development and implementation of different IR-spectroscopy-based systems for food and pharma applications. Familiarity with both analytical laboratory data as well as hyperspectral data is a requirement to be successful in this position. The ideal candidate will have extensive knowledge of theory and application of chemometrics as well as a strong background in molecular spectroscopy and hyperspectral imaging.

Requirements:

- A degree in Physics or Engineering complemented with a specialization in Optics -or demonstrable equivalent experience or background is required.
- R&D or technological work experience of at least 3 years, preferably in industrial companies is a must.
- Strong experience in optical and/or optomechanical design and prototype set up.
- Expertise in some of the following subjects: spectroscopy, image processing or hyper-spectral imaging.
- Specialized knowledge in Near Infrared would be highly valuable.
- Experiences on the design of devices for food or pharma industry would be a plus.
- Good level of English (C1) is a must.
- Willingness to travel.

Additional Skills:

- Experience in product development.
- Good communications skills, both oral and written.
- Excellent decision-making skills.
- Proactivity and enthusiasm.
Ability to work with minimal supervision.

Benefits:

- Working in challenging R&D European projects with a diverse range of partners.
- Product development working.
- A multi-disciplinary and multi-cultural working environment.
- Flexi-time working hours.
- Fridays afternoon off.
- A productive work environment.
- 23 business days of vacation + public holidays.
- Ticket Restaurant, Ticket Transport, Ticket Guardería (Optional).
- Private Insurance (Optional).