

Job Offer

JOB POSITION: R&D Laser Systems Technician

DATE: 16 - January - 2024

JOB DESCRIPTION

R&D Laser Systems technician

FYLA LASER, a leading company in the field of supercontinuum and ultrafast fiber lasers is seeking a Laser Systems Technician to join our R&D team. The job is in a project of advanced photonics to material characterization through color, gloss and other magnitudes measurements by a supercontinuum pulsed laser.

Job Role

The role as a Laser Systems Technician will include:

- Assist in the research and development of the measurement techniques to characterize different materials.
- Conduct experimental setups for material characterization in both, free-space and fiber optics.
- Create new documentation of the experimental activity, calibration processes, etc.
- Assist in the system installations at the customer company.

Qualification, Knowledge and Experience

- Degree in Physics, Optical Engineering or equivalent.
- Knowledge of:
 - a. laboratory instrumentation
 - b. optical sensors as CMOS cameras, photodiodes, spectrometers, etc.
 - c. laser light sources.
 - d. MATLAB, C++ and other lab and simulation software
- Knowledge of Python and Labview is a plus.
- Previous work in optics and photonics laboratory is a plus.
- Knowledge of color measurement and color coordinates in CIEL*ab space is a plus.
- Master in photonics or lasers is a plus.
- Experience in designing optical setups in free space and fiber optics is a plus.
- Excellent written and oral communication skills in English.

Personal skills and attributes

- Dynamic person with a demonstrated capacity of team work.
- Passion for optics and photonics.
- Enthusiastic attitude for a well done job and customer satisfaction.
- Proactive, flexible and problem-solving attitude.

Work environment

- The successful applicant will join the R&D Department of a young and dynamic company, with international projection.
- Enriching environment with excellent opportunities for career development.
- Collaboration with global leading scientific and industrial labs in the field of ultrafast fiber lasers and applications.

Conditions

- Full time occupation.
- Competitive salary, negotiable according to experience and proven aptitudes.
- Starting date: immediate.
- Duration: permanent.

Please submit your application by email, including CV and letter of interest, to Dr. Esther Irlles. eirles@fyla.com. List of references is appreciated. Please indicate subject: FYLA Laser SystemsTechnician.