

Company Description

Graphenea is based in San Sebastian and produces solid-state devices with graphene. We produce resistors, diodes and field-effect transistors; the applications of these devices range from biosensors to photodetectors and optical modulators. We are a combination of physicists, chemists, engineers, biologists and many more, building graphene-based electronic devices step by step. Our target is for graphene to be an enabler of other technologies which will impact and benefit society.

Information

 **Deadline:** 2024-04-30
 **Category:** Business
 **Province:** Gipuzkoa

 **Country:** Basque Country
 **City:** Donostia-San Sebastián

Company

Graphenea



Main functions, requisites & benefits

Main functions

To operate various items of machinery toward the fabrication of the solid state devices: lithography, spin coating, optical microscopy, wet and dry etching, metallization, atomic layer deposition. To design and develop new processes and pursue the optimization of the current ones. To ensure quality of outgoing product following guidelines. To provide all the required technical support to enable the manufacturing to function effectively. Interact with the Integration & Yield team to ensure processes are carried out accordingly. To execute duties within good practice laboratory (GLP), good manufacturing practice (GMP) protocols and follow personal protective equipment (PPE) procedures. To work in compliance with SOPs, work instructions and stablished recipes and process flows. To keep equipment in a clean and serviceable condition and ensure the safe removal of waste. To ensure the laboratory is well-stocked and resourced and that everything is clearly and correctly labelled. To carry out routine tasks accurately and following strict methodologies.

Requisites

Technical Degree: Qualifications in Physics, Chemistry and Electronic Engineering are a plus. Experience in laboratory work in manufacture and/or characterization is desirable. Experience in cleanroom environment and microfabrication technologies is a plus. Experience with thin films and/or manufacture of electronic devices is a plus. Experience in characterization techniques (Optical microscopy, RAMAN, X-ray, electrical characterization) and quality control is a plus. Fluency in written English is required. Fluency in oral English is a plus.

Benefits

Joining a growing semiconductor startup company, full-time contract employment, competitive fixed salary and variable compensation.

