

Position for Clean Room Process and Maintenance Engineer



Research Center: Int. Nanotechnology Laboratory (INL)
Location: Braga, Portugal
Job Type: Full time
Career Stage: 3~5 years' experience
Closing Date: **July 1st 2015 (23:00 Lisbon time)**
Salary: Competitive package and benefits

Introduction

The International Iberian Nanotechnology Laboratory –INL (<http://www.inl.int>), a research institution with an international legal status, seeks a highly qualified self-motivated and experienced engineer to participate in the micro and nanofabrication of devices and equipment maintenance at INL cleanroom.

Key responsibilities

The candidates will be expected to participate actively in the micro and nano-fabrication processing of devices being fabricated within the several research groups installed at INL. The target applications cover a large spectrum of fields including MEMS, Spintronics and Thin Film Semiconductors. Depending on his/her proficiency, the candidate will assume the responsibility for one or more cleanroom systems in terms of operation/processing, maintenance/servicing and training of users.

Preferred skills and experience

- An education background in electrical engineering, physics, nanoelectronics, materials or related fields is required.
- Fluency in written and spoken English.
- Relevant cleanroom work experience within the Industry or Academia, and be familiar with top down micro and nanofabrication processes such as:
 - Physical and chemical vapor deposition
 - Ion milling and reactive ion etching
 - Wet etch techniques and electroplating
 - Lithography pattern transfer (direct write laser and mask aligner)
 - Experience in MEMS, Spintronics or CMOS processing will be valued.
 - Experience in diversity of processes that the candidate is able to perform shall be a key selection criterion.

What we offer

- Employment contract and competitive compensation package in line with those offered by other international research organizations. Researchers will also benefit from the various social facilities available at INL.
- Fantastic opportunity to Access to state-of-the-art equipment and facilities.
- Highly competitive multidisciplinary research environment.

How to apply

International candidates are welcome to apply.

The application is made online through http://inl.int/job_offers.

Interested applicants should submit a motivation letter, a full curriculum vitae describing their experience.

Enquires should be directed to: joao.gaspar@inl.int

INL firmly adheres to a principle of non-discrimination.

In view of the large number of applications, only short-listed candidates will be contacted.