

AVVISO N° 1/2019

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PERSONNEL SEARCH – TECHNOLOGIST level 4 (technician status)

The INPHOTEC Foundation, based in Pisa, with this notice starts the search of a technologist, to be included in the staff of the "INPHOTEC High Technology Center" and specifically in the front-end processes area.

The wanted figure will have to work inside a Clean Room class 100 and class 1000. It will have to develop advanced processes and technologies on a silicon wafer inside the Front End Area. It will also have to operate in full autonomy with the use of the tools, techniques and procedures necessary to achieve the objectives set, including equipments standard maintenance care.

Requirements:

- Possession of a degree in Physics or in Telecommunications or Electronic Engineering according to the old system, or a second-level degree in the new system, or equivalent qualification at European level;
- Work experience in the field of optics / photonics and / or in different fields of potential application of photonics (e.g., biosensing, solar cells, imaging, etc.) in clean rooms;
- Knowledge and operational use of at least one of the front-end processes, such as photolithography, lithography e-beam, dry and wet etching. PECVD, LPCVD, Sputtering, others...
- Mask design skills;
- SEM characterization capability;
- Informatics skills: C ++. MATLAB;
- Excellent knowledge of spoken and written English (level B2 or higher), other linguistic knowledge at the minimum level B1 are highly desirable.

It is preferential:

- Possession of the PhD, or MSc in electronic or telecommunications engineering or physics;
- Excellent academic documentation and adequate international experience;
- Strong interest in science and technology, in particular for photonics, optoelectronics and nanotechnologies.

Ability to work in groups, proactivity and innovative thinking skills are indispensable.

The place of work is located in Pisa, Via G. Moruzzi, 1.

The position is renewable annually for a further year, effective from 1 March 2019.

The CCNL of reference (collective agreement) is that of the personnel of the Education and Research sector - Research Sector - related to the three-year period 2016 - 2018; The percipient gross economic treatment is that foreseen on art. 5 of "Regolamento del personale non dirigenziale della Fondazione INPHOTEC della Scuola Superiore Sant'Anna", to which can be added indemnity of responsibility and valorization.

<https://www.inphotec.it/wp-content/uploads/2018/03/Regolamento-del-personale-dipendente-non-dirigenziale-INPHOTEC.pdf>

Interested persons can send their curriculum in English to the email address segreteria@inphotec.it by **February 15, 2019**, specifying the subject of the email: "**Ricerca tecnologo**".

The President
(F.to Prof. Giancarlo Prati)

Pisa. January 22, 2019