

ABSTRACT OF VACANCY CALL IOM AR 004/2018 TS

DESCRIPTION OF PROGRAM/PROJECT:

The successful candidate will work at the experimental activities concerning characterisation, first, by scanning and transmission electron microscopy of nanostructured materials, with particular reference to the study of heterostructures based on strongly correlated materials. The activity falls within the framework of the development of innovative research infrastructures open to the international user community, supported financially at national level (Italian Strategic Project NFFA Demonstrator) and at EU level (H2020 RIA Project NFFA-Europe).

RESEARCH AREA: Physics - Condensed Matter properties

RESEARCH THEME: "Advanced characterization by electron microscopy of nanostructured materials and heterostructures based on strongly correlated systems"

QUALIFICATIONS AND EXPERIENCE:

- PhD in Physics or similar
- Proven experience in transmission electron microscopy, proven experience in characterization of physic-chemical properties of materials, as well as good knowledge of typical materials science research topics usually addressed with electron microscopy and complementarity of the latter with other experimental techniques

Contract of one year renewable - Yearly gross remuneration: 22.000,00 €.

DEADLINE FOR APPLICATIONS: 20/7/2018

HOW TO APPLY:

The application as PDF files should be sent by e-mail to iom.recruitment@iom.cnr.it to Director of Institute CNR-IOM **using annexes A and B of this call.**

TYPE OF SELECTION: the submitted applications will be evaluated by CNR. A reserve list of accepted applications will be set up. These candidates will be invited by e-mail to interview at least 20 days before the interview.

The interview will held at the Institute IOM of CNR – Area Science Park – Basovizza – Strata Statale 14 Km 163,5 – 34149 TRIESTE.

During the interview, applicants will be also given the opportunity to illustrate thier research activity through a power point presentation of about 15 minutes to be held in English. Knowledge in computer basics with particular reference to data analysis and treatment will be also ascertained.

It is possible to do the interview by videoconference, upon candidate request in written form sent with the application form. By request the candidate must declare all the information to make the connection. During the connection the candidate has to show a valid identity document.

For any information please contact:

iom.recruitment@iom.cnr.it or supporto.reclutamento@spin.cnr.it