



National Research Council of Italy

CALL N. 364.205 FOR THE RECRUITMENT OF DIRECTOR OF INSTITUTE FOR MICROELECTRONICS AND MICROSYSTEMS (IMM) – CATANIA OF THE NATIONAL RESEARCH COUNCIL OF ITALY

The National Research Council of Italy (CNR) announces a Call for tenders for the recruitment of Director of **Institute for microelectronics and microsystems (IMM) - Catania**

IMM is presently carrying out twenty different work packages of the project “Innovative Sensors and Devices” coordinated by the Department of Physical Science and Technologies of Matter of CNR. The research activity is focused on innovative solutions for microelectronics (materials and processing for ultra large scale integration; materials, processes and devices for advanced power electronics; large area and plastic-based electronics; novel photovoltaic applications, sensing technology, optoelectronic microsystems, and microfluidics. Thanks to the participation to many European projects, IMM benefit from collaboration with prestigious international research government institutions, such us Laboratoire d'Electronique de Technologie et d'Instrumentation (LETI), Interuniversity MicroElectronics Center (IMEC), European Synchrotron Radiation Facility (ESRF), Centro Nacional de Microelectrónica (CNM), and with a lot of top-level semiconductors companies, such us STMicroelectronics (ST), Philips, SILVACO, AMD, Tower Semiconductor, Siemens. IMM activity extends from basic research (investigation of innovative materials and processes) to technological concern (prototyping and/or technological transfer to enterprises). Particularly effective is the collaboration with ST and Micron within a national framework of promoting excellence in microelectronics. Furthermore, the IMM research groups carry out an important linking role by coordinating the graduate training scheme of young researchers coming from University. It should be underlined that the strong interaction with enterprises does not prevent, but often promotes the development of fundamental research activity. Indeed, the strong competitive fields of microelectronics requires to handle “aggressive” and ambitious research programs whose results may produce only long-time practical applications. For this reason the Institute holds strong interest in all the emerging fields arisen from nanotechnologies which open the door to many innovative, not necessarily pure electronic applications. The industrial current challenges are also considered for defining the IMM research programs. Within this context the Institute has launched the start-up of several public-private initiatives. Furthermore IMM is intensively involved in many projects coordinated by the enterprises, funded by the Italian Ministry for the Economic Development or by the Italian Ministry for University and Research (“Programma Operativo Nazionale Ricerca e Competitività 2007-2013”). Last but not least, various IMM activities are supported by Sicilia, Emilia Romagna, Puglia, and Campania regions in Italy. These initiatives go well beyond the pure economic sustain. Indeed, these regional organisms have started an analytical process aimed to identify the research demand necessary to further develop the territorial economic activities; a number of Technological Districts have been hence established, joined with the Italian Ministry for University and Research. IMM is member of the Technological Districts “Micro and Nanosystems” in Sicily, “Aerospazio” in Apulia, and “Tecnopololo” in Emilia Romagna.

The Director manages research activities of the Institute and fosters the strengthening of its competencies and facilities. He/She is responsible for the results of the activities entrusted to the Institute, in accordance with the planned objectives.



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Information on research activities, geographical distribution of the Institutes, research outputs, collaborations and contracts as well as available scientific equipment is available on the official website of CNR (<http://www.cnr.it/documentiprogrammatici>).

Requirements

Eligible applicants are professors, researchers and technologists of Universities or other National or International Research Institutions, as well as managers in the public or private sector with high professional, scientific and managerial qualifications and experience and with no limitations of citizenship, those who have filled the position of Director. Candidates should not have consecutively filled the position of Director for more than a mandate in the same institute they are applying for.

Applicants must be no more than 62 years and 11 months old at the application deadline.

Good knowledge of Italian and English is required.

Terms of Employment

The Director is responsible for the overall operations of the Institute and for the coordination of all activities, in relation with entrusted programs and projects. The Director all duties stated in the bylaw, regulations and general acts of CNR.

The Director will have a full-time position with a mandate of four years, beginning from official nomination and can be renewed only once.

Directors of Institutes will receive a salary equal to 88% of the maximum established for the Directors of Scientific Departments of CNR, corresponding to €123.499,50 of which a part that varies by no more than 20% as a portion of their compensation of results.

Submission of Applications

Applications can be submitted, within 30 days from the publication of the present Call, only through the on-line form available in the Tenders area of the CNR website (<http://www.cnr.it/sitocnr/Iservizi/Lavoroformazione/Concorsi.html>) and according to the instructions specified therein.

Applications will be admitted if submitted before 18:00 CET on the deadline date. The date and hour of submission will be certified by the on-line system, which will no longer permit access for the submission of applications after the deadline. All applicants will receive an automated receipt upon correct submission of the application¹.

Evaluation of candidates

¹ The correct submission of an application requires inclusion of the applicant's identity document with a legible signature (a PDF file). The identity document will be considered valid also for the purposes of the required declarations of the Application form and must be presented for identification at the interview. An identity document different from the one included in the application will not be accepted.

As provided in article 13 of the legislative decree, n.196 of 30 June 2003, provided personal data will be used for the purposes of the present Call and for any possible subsequent establishment of an employment relationship; the applicant benefits the rights specified in art. 7 of the decree. These rights can be exercised referring to the Director of the Office of Tenders of CNR (tel. 0039.06/4993.2172/2140 – fax 0039.06/4993.3852 e-mail: concorsi@cnr.it - concorsi@pec.cnr.it)



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Candidatures will be evaluated by a Commission composed by three to five experts, including non-Italians, appointed by the CNR President following a decision of the Executive Board.

Evaluation criteria, set by the Commission, will include those assessing the high scientific production, professional and managerial qualifications and experience of applicants, in view of the scientific and organizational needs of the Institute. On this basis, a comparative evaluation of the candidates will be performed and the resulting eligible candidates will be called for an interview by the Commission.

After expressing collegial decisions on each evaluation, the work of the Commission will conclude with the presentation to the Executive Board of a shortlist of three eligible candidates for the Institute.

Shortlisted applicants must present to the Executive Board, within fifteen days from notification, a document illustrating strategic lines and development policies for the activities of the Institute.

After the presentation of such document, the Executive Board will choose the candidate that will be finally appointed for the position.