

11 June 2012

PERSONNEL CONTRACT WITH CPAN PARTIAL FINANCIAL SUPPORT

The CPAN project of the CONSOLIDER–INGENIO 2010 program announces 1 contract of personnel with partial financial support from CPAN for working at the Instituto de Microelectrónica de Barcelona. The proposed contract is meant to provide support to the group research activities in a series of priority lines within the strategic actions of the CPAN Project. A detailed description of this contract can be found in Annex I. The funding will be limited by the ending date of the project (9th December 2014).

The groups participating in the CPAN Project will make an effort to give publicity to the present announcement in order to optimize the number and quality of the applications received.

1) Amount and nature of the financial support

The CPAN financial support will have the aim of co-financing the total contract cost, understood to be the sum of the net retribution plus the Social Security company fee. The Instituto de Microelectrónica de Barcelona entity will hire the selected candidate in accordance with the current labour legislation. The amount of the CPAN financial support will be 30.000 euro, and the minimum annual retribution he/she will receive, which must be indicated in the contract, is 27.000 euro (brut salary).

The remaining co-financing of the contract will be the responsibility of the beneficiary group, who will assume the cost of retribution increments of the hired personnel in the following years, as well as the repercussions of any increases in the Social Security fee.

The beneficiary entity is obliged to put at the appointee's disposition all the installations and material means needed for the normal development of their work, as well as to guarantee the same rights and benefits enjoyed by the entity personnel of similar category.

In case of interruption of the contract, the beneficiary entity and the appointed candidate are obliged to communicate such interruption to the CPAN Office within 15 natural days from the date of the interruption.

2) Candidate requisites

The selected candidate must have a graduate university degree in Engineering or Physics. Candidates must be in possession of the required degree by the date in which the application is presented and he/she cannot participate or have participated in the past in other Consolider projects.

3) Formalization and Application Process

Applications will be presented by the candidates through an internet application which can be accessed from the WEB page of the CPAN project: <http://www.i-cpan.es>. Applications must include:

- 1) The candidate's personal information.
- 2) The candidate's Curriculum Vitae, including a scanned copy of the academic certification and university degree.

Applications must be presented from 11th June, 2012 to 22nd June, 2012 (both inclusive).

The beneficiary group shall complete the application with a report about the optimal fitness of each candidate for the foreseen activities, assigning a tentative priority order to each candidate. These reports will also be processed through the internet application installed in the CPAN WEB page. The deadline for these reports is 3rd July 2012.

4) Evaluation of applications

The evaluation of applications will be done by an Evaluation Commission named by CPAN's Executive Committee. The referred Commission will study and order the applications according to the following rules:

- 1) Compliance of the candidate to the development of the tasks to be performed, as function of the technical skills required.
- 2) CV of the candidate.

The resolution will be published in CPAN's web page. The Evaluation Commission could propose, if needed, a list of supplants.

The proposed candidate must confirm in a period of 15 natural days their acceptance by means of e-mail which must be sent both to the receiving group as well as to the CPAN Office. If no notification is received within that period, the CPAN's Executive Committee will be entitled to select the following candidate in the list of supplants.

5) Payment of the CPAN financial support and follow-up

In general, the assigned funding will start on the date in which the contract between the candidate and the IMB starts, either after the publication of the resolution or before that, in this last case always having as limitation the date in which the period for presenting applications is opened.

The payment will be done to IMB after the publication of the resolution as soon as the contract being financed is presented.

Any publication or result related with the activities performed under this program must contain a reference to the CPAN financial support.

ANNEX I

Reference: CPAN12-TS01

Title: Characterization of 3D detectors

CPAN beneficiary group:

Instituto de Microelectrónica de Barcelona (IMB-CNM-CSIC)

Candidate requirements:

Degree in Physics or Engineering.

Job profile:

The candidate will work at the IMB-CNM and will collaborate with the High Energy Physic Institutes of Barcelona (IFAE) and Santander (IFCA).

The main job will be the characterization of 3D pixel detectors fabricated in the IMB-CNM clean room facility. The detectors will be tested in the labs and then at the test beam facilities available. The candidate will be in charge of the testing with the specific read out electronics of the different geometries used in the experiments (Atlas, CMS and LHCb).

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