

25 September 2014

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 CIEMAT group. 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.

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 CIEMAT will hire the selected candidate in accordance with the current labour legislation. The amount of the CPAN financial support and its duration are indicated in Annex 1, always limited by the ending date of the project (9th June 2015).

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 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 25th September, 2014 to 2nd de October, 2014 (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 the reception of these reports is 8th October 2014.

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 CIEMAT 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.



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The payment will be done to CIEMAT 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: CPAN14-TS01

Title: Analysis of top quark production using the physics data of the CMS experiment at the LHC.

CPAN beneficiary group:

Centro de Ciencias Energéticas, Medioambientales y Tecnológicas (CIEMAT).

Assigned funding and duration of the contract:

15.000 Euro. Six months.

Candidate requirements:

The candidate should have a PhD degree in Physics and a wide research career in the field of experimental High Energy Physics. It will be particularly valued his/her experience in data analysis work taking place in the frame of large international collaborations such as the ones in the LHC experiments, as well as his/her capacity to manage and coordinate the activity of a team of researchers and/or working groups with the aim of getting physics results ready to be sent for publication in specialized journals.

Job profile:

The work to be done is part of the activity under the responsibility of the CIEMAT analysis group in CMS. One of the main commitments of our group for the next 6 months is to coordinate the analysis activities related to the study of quark top production cross sections. A second one is to organize and implement some specific searches of possible hints of physics beyond the Standard Model (inside the “exotics” working group of CMS). We expect that the candidate should be able to contribute significantly to fulfill these commitments.

Information and contact:

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