

Dear Sir/Madam:

On behalf of professors Ricardo Cao Abad and Juan Vilar Fernández, coordinators of the research group Modeling, Optimization and Statistical Inference (MODES) of the University of A Coruña (UDC), I forward the attached announcement in order to select candidates to perform their PhD in the group MODES.

The profile of candidates is that of a graduate or an engineer with a solid background in mathematics and statistics, who has completed or is completing a master's degree. He/she should be able to enrol in a doctoral program in 2017, if possible in February.

Those selected may be hired under one of the research projects in force in the MODES group. In addition, they will be able to request, together

with the MODES group, an aid for the training of university professors (FPU), the Training and Mobility subprograms included in the State Program for Promotion of Talent and their Employability, within the framework of the Spanish State Plan Scientific and Technical Research and Innovation 2013-2016.

Please, would you be so kind as to spread this announcement among potential candidates? Do not hesitate to contact me for any further information you may need.

Thank you very much in advance.

Kind regards,

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Search for PhD candidates at the research group MODES

The **modeling, optimization and statistical inference (MODES)** research group of the *University of A Coruña* (UDC) will soon call for **PhD students to be hired** via research funds already obtained by the group, and will also participate in several competitive calls for PhD contracts for candidates interested in carrying out their PhD thesis within the group. The **salary** of these contracts will be **similar to the FPU and FPI contracts** (Ministry of Education and Ministry of Economy and Competitiveness in Spain). MODES is part of the **Research Center for Information and Communication Technologies (CITIC)**, recently distinguished as one of the five unique **singular research centers in Galicia (NW Spain)** by the Department of Culture, Education and Universities of the Galician Autonomous Government. Several of the members of MODES are associate researchers at the **Technological Institute for Industrial Mathematics (ITMATI)**.

The PhD students will be trained in methodological aspects, in the fields of **statistics or operations research**, as well as in other **computational methods**, and may also be included in some of the research projects that MODES leads in collaboration with companies. In the framework of these PhD theses **collaborations with other Spanish and foreign research groups** will be carried out. The group MODES has again been recognized as a **competitive reference group** by the Galician Autonomous Government in the 2016 call. The group members are authors of **more than a hundred publications in the period 2012-2016** in international high impact journals.

The required profile is a **graduate, with a solid background in mathematics and statistics**, with a **master degree (or about to finish his/her master)** and a **good academic record**. The candidate has to be enrolled or able to enroll in a **doctoral program in 2017** (preferably in **February**).

Those interested should send their **expression of interest, accompanied by an electronic copy of their academic file**, by email to the address ana.almecija@udc.es, not later than **January 29th, 2017**. The expression of interest has a free format but must indicate, at least, the **candidate's academic background** and previous research experience, if applicable.

For **more information** on the research lines of the group, please visit MODES website <http://dm.udc.es/modes/>, or contact Ricardo Cao, coordinator of the group MODES, at the e-mail rcao@udc.es, or any other researcher in the group.