



Search for PhD candidates at the group MODES – FPI contracts for projects MTM2017-82724-R and MTM2017-87197-C3-1-P

The **modeling, optimization and statistical inference (MODES)** research group of the *University of A Coruña (UDC)* is looking for **PhD students to be hired (FPI contracts)** for **two research projects that have been granted** to MODES: ***Flexible Statistical Inference for Complex, Big and High Dimensional Data*** (MTM2017-82724-R) and ***Optimization and Cooperation with Applications in Economy, Energy and Logistics*** (MTM2017-87197-C3-1-P).

More information on these two research projects, funded by the Spanish Ministry of Science, Innovation and Universities (MICINN), can be obtained visiting the webpage: http://www.ciencia.gob.es/portal/site/MICINN/menuitem.791459a43fdf738d70fd325001432ea0/?vgnnextoid=131955e2d5e01610VgnVCM1000001d04140aRCRD&vgnnextchannel=115222e988f75610VgnVCM1000001d04140aRCRD&vgnnextfmt=formato2&id3=ed6c0217cb256610VgnVCM1000001d04140a_____ or contacting the principal investigators of these two projects: Ricardo Cao (rcao@udc.es) or Juan M. Vilar Fernández (juan.vilar@udc.es) for project MTM2017-82724-R, or Ignacio García Jurado (igjurado@udc.es), for project MTM2017-87197-C3-1-P. See below for the deadline for expressions of interest and the documents required.

The research group MODES will also recruit **PhD students to be hired** via research funds already obtained by the group, and will soon participate in several competitive calls (**FPU call by MICINN** and **Xunta de Galicia predoc** call, among other) for PhD contracts for candidates interested in carrying out their PhD thesis within the group. The **salary** of all these contracts will be **similar to the FPU and FPI contracts** (Spanish Ministry of Science, Innovation and Universities). For specific information about the recently published FPU call, visit the webpage: <http://www.mecd.gob.es/servicios-al-ciudadano-mecd/catalogo/general/educacion/998758/ficha/998758-2018.html#dc>

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 Education, Universities and Professional Training of the Galician Autonomous Government. Several of the members of MODES are associate researchers at the **Technological Institute for Industrial Mathematics (ITMATI)**.

The required profile is a **graduate, with a solid background in mathematics and statistics or operations research**, 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 programme along in the academic year 2018-2019**.

The PhD students will be trained in methodological aspects, in the fields of **statistics or operations research**, as well as in other **computational methods**. They will participate in some of the ongoing research projects run by the research group MODES in cooperation with industrial partners. 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 2014-2018** in international high impact journals.

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 **October 22nd, 2018**. The expression of interest has a free format but must indicate, at least, the **candidate's academic background** and previous research experience, if applicable. The names of reference researchers who could report on the candidate are welcome.

For **more information** on the research lines of the group, please visit MODES website <http://dm.udc.es/modes/> , or contact Ricardo Cao (rcao@udc.es), coordinator of the group MODES, about research lines in statistics; Ignacio García Jurado (igjurado@udc.es), about operations research lines; or any other researcher in the group.

For further information about the admission and enrollment to the doctoral programmes, please visit the UDC International Doctoral School website <http://www.udc.es/eid/admision/>. To clear up any other questions, please contact at ana.almecija@udc.es.