

VAC-2020-37 - Severo Ochoa PhD Position in Machine Learning in Civil Engineering

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<http://www.biometricsociety.net/2020/05/26/vac-2020-37-severo-ochoa-phd-position-in-machine-learning-in-civil-engineering/>

The International Centre for Numerical Methods in Engineering (CIMNE) is a research centre, created in 1987 by consortium between the Catalan Government and the Universitat Politècnica de Catalunya (UPC-BarcelonaTech), devoted to the development and application of numerical methods to a wide range of areas in engineering. CIMNE has been selected as a Severo Ochoa Centre of Excellence for the period 2019-2023. This is the highest level of recognition of excellence and leadership awarded to a research centre in Spain.

CIMNE is offering a research position that will be funded by the Severo Ochoa Programme.

Number of vacancies: 1

Category: PhD (PHD3)

Workplace: Madrid

Salary (gross): 16.246,05 EUR

Weekly working hours: Full time

Duration: 3 years

Starting date: No later than Oct 2020

Functions to be developed:

CIMNE is looking for a **PhD Researcher** to be part of the Research and Technical Development (RTD) Group on Machine Learning in Civil Engineering

The functions assigned to the candidate will be:

- Complete a PhD in the frame of one of the ongoing projects of the group at the UPC.
- The candidate is expected to complete the PhD thesis in a maximum of three years.
- Collaborate with various research groups within CIMNE and worldwide.
- To publish a minimum of two papers in JCR journals during the PhD period.

Requirements:

- To be eligible for the scholarship grant the applicants have to meet the conditions to be enrolled to

the doctoral program previously mentioned at the moment of the signature of the contract.

- Candidates who have already been awarded a PhD are not eligible to apply.
- Excellent academic record.
- High working knowledge of English.

Other valued skills:

- Previous research and/or academic experience in the field of the position.
- Programming skills: R, Python, C++
- Language skills: Spanish, other EU Languages.
- Experience in areas related to the ongoing projects.

Evaluation procedure:

The requirements and merits will be evaluated with a maximum mark of 100 points. Such maximum mark will be obtained by summing up the points obtained in the following items:

- Academic record (60%)
- Previous research and academic experience in the field of the position (20%)
- Programming skills (10%)
- Language skills (10%)

How to apply:

Candidates must complete the «**Application Form**» form on our website, indicating the reference of the vacancy and attaching the following documents **in English**:

- Curriculum vitae.
- A motivation letter.
- Academic transcripts from all Undergraduate and MSc degrees.
- A letter issued by the competent organism at origin University accrediting that the Undergraduate and MSc degrees give access to PhD studies.
- Name and institutional contact information of two possible referees.

The deadline for registration to the offer ends on **June 14th, 2020 at 12:00 noon**.

Application will be reviewed by CIMNE Severo Ochoa selection committee.

The shortlisted candidates may be called for an interview. They may also be required to provide further supporting documentation.

CIMNE is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law. CIMNE has been awarded the HRS4R label.

More information: [enlace](#)

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