

ANNOUNCEMENT FOR THE PROVISION OF A WORKPLACE

# Severo Ochoa PostDoc Researcher Position in Industrial Manufacturing Processes Group” (VAC-2022-55)

The International Centre for Numerical Methods in Engineering (CIMNE, [www.cimne.com](http://www.cimne.com) ) 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.

## Position details

**Number of vacancies:** 1

**Category:** Post Doc Researcher (PDOC1)

**Location:** Barcelona

**Yearly salary (gross):** 37.570,02 EUR

**Working hours:** Full time

**Duration:** until 15/12/2023

## Functions to be developed

CIMNE is looking for a **Postdoc Researcher** to be part of the Research and Technical Development (RTD) Group on Engineering Mechanics - Industrial Manufacturing Processes Group (<https://www.cimne.com/space/1159>)

The functions assigned to the candidate will be:

- Plan and conduct high quality research in collaboration with Severo Ochoa IPs
- Collaborate and foster new cooperation with European and International research groups and institutions
- Help supervise MSc and PhD students
- Document and disseminate the research results within CIMNE and externally
- Publish in high impact journals
- Participate in research projects and contracts of interest for the RTD Group
- Submit competitive RTD research proposals
- Collaborate in the active search of funding resources for the research group
- Collaborate in training activities

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### Requirements

- Having obtained a PhD degree in Computational Mechanics at least 2 years before the application deadline
- Good publication record (a minimum of 10 papers published in indexed journals)
- High working knowledge of English, both written and spoken.

### Other valued skills

- Previous research and/or academic experience in the field of the position
- Previous post doc stages at an entity, different to the one where the PhD was awarded
- Programming skills Fortran 2008 Object Oriented, Python
- Language skills Spanish
- Good communication/Teaching skills
- Windows and Linux OS.
- Advanced knowledge of Continuum and Computational Mechanics (PhD level)

### 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:

- Publication and career track (30%)
- Previous research and/or academic experience in the field of the position (20%)
- Post doc stages (15%)
- Programming skills (15%)
- Language skills (10%)
- Communication/Teaching 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, including Researcher's ID or ORCID No.
- A motivation letter, including a brief summary of work experience and a statement of research interests and career goals.
- Academic transcripts from all Undergraduate, MSc and PhD degrees.
- Name and institutional contact information of two possible referees.

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The deadline for registration to the offer ends on August 5th, 2022 at 12 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.***