

JOB VACANCY ANNOUNCEMENT

VAC-2024-10 – Research Engineer for the development of Kratos-Based Reduced Order Models

Number of places: 1

Category: Innovation Assistant - IN ASSIS 1

Workplace: CIMNE, Campus Nord UPC, Barcelona

Salary (gross): 22.886,59 € / year

Weekly working hours: 40h/week

Duration: 6months

Functions to be developed:

The candidate will be asked to collaborate in ongoing projects on the development of Reduced Order Models based on the Kratos framework. He will also be asked to work on the preparation of Journal articles and on the development of his PhD thesis.

Required skills:

- Degree in mechanical or civil engineering
- Knowledge of Reduced Order Modelling techniques
- Knowledge of the Kratos framework
- Python
- C++

Other valued skills (not mandatory):

- Years of experience in the development of Reduced Order Models
- Knowledge of Projection based techniques
- Articles Published in the field

Qualification system:

The requisites and merits will be evaluated with a maximum note of 100 points. Such maximal note will be obtained summing up the following points:

- **Academic qualifications:** 20%

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IN COOPERATION WITH

- Training and development: 20%
- Professional experience: 10%
- Knowledge of the Catalan language: 5%
- Knowledge of the English language: 5%
- Selective tests and interview: 40%

Candidates must complete the "Application Form" form on our website, indicating the reference of the vacancy and attaching the required documents.

The deadline for registration to the offer ends on February 27th, 2024 at 12 noon.

The preselected candidates may be requested to send the documentation required in the "Requirements" and "Merits" sections, duly scanned, and may be called to go through selection tests (which might be of eliminatory nature) and / or personal interviews.