**International Centre for
Numerical Methods in Engineering**

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CIMNE - Edifici C1 Campus Nord UPC
C/ Gran Capità, S/N
08034 Barcelona, Spain

ANNOUNCEMENT FOR PROVISION OF THE WORKPLACE

VAC-2022-48 – Research engineer in Electromagnetic Analysis.

Number of places: 1

Category: Post Doc – (PDOC)

Workplace: Barcelona (CIMNE)

Salary (gross): According to the salary scale

Weekly working hours: 21h/week

Duration: Until end of the project

Functions to be developed:

In the frame of the research project NextGEM, the candidate will be working in the main following task: development of advanced computational model for simulation electromagnetic fields.

This vacant is part of the I+D+i 101057527 project, funded by European Comission (HE (2021-2027) "Next Generation Integrated Sensins and Analytical System for Monitoring and Assessing Radiofrequency Electromagnetic Field Exposure and Health"

Required skills:

- Master degree (or equivalent) in computational mechanics, applied mathematics, computational science and engineering or closely related field.
- Knowledge of numerical methods for PDEs, specifically finite element method.
- Good programming skills (C++).
- Written and oral proficiency in English.

Other valued skills (not mandatory):

- Previous knowledge of electromagnetic field is not compulsory but it will be positively evaluated.

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:

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- Publication and career track: 30 %
- Previous research and academic experience in the field of the position: 50%
- Programming skills: 10%
- Language skills: 10%

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 **4 July Day, 2022 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.