

One postdoc position available in the Aragón Institute of Engineering Research (I3A) (Zaragoza, Spain).

We are offering one post-doc position at the Multiscale in Mechanical and Biological Engineering group (Universidad de Zaragoza, Spain) to carry out high-performance computational analysis for bone remodelling based on reduced order modeling and/or genetic algorithms.

The positions are available under the European project CAD-BONE: Patient-specific predictions for bone treatments (Marie Curie Industry-Academia program), led by Prof. García-Aznar. Duration is one year.

The applicant's profile should include as many as possible of the following characteristics:

- Proven leadership to supervise a project from conception to publication
- Good command of the English language (Spanish is a plus, but not required)
- Strong background in computational mechanics
- Good programming skills (C, C++, FORTRAN, Matlab, ...)
- Strong knowledge of mechanics and mathematics

The starting date is negotiable, but it should begin between Q3 2013 and Q4 2013. The salary varies between 58.500€ and 87.500€ per year, depending on the candidate's experience.

Applicants must send their CV to JM. García-Aznar (jmgaraz@unizar.es). Let us know if you plan to attend either ESB (Lisbon) or ESMC (Graz), so we can arrange a face-to-face interview.