Title : Post-Doctoral Position

Domain : Natural Sciences - Geophysics

Salary : R$88440 (Annual in Brazilian Reais, tax free)

(A) Job Description

A three-year, with a possible extension for one additional year, postdoctoral position in Geophysics is available at the Geophysics Institute at Federal University of Para, in the City of Belem, Brazil. There is a possibility that part of the job will be carried out in Rio de Janeiro. The postdoctoral associate is expected to work on projects related to numerical modeling of the electromagnetic field in natural media, with emphasis on marine environment.

The candidate (she or he) should be capable of working with the mathematical development of algorithms and their computational implementation. Tasks include computational code writing and integration, data processing and analysis, and image construction.

(B) Requirements

Ideal candidates should hold a PhD in any area of Natural Sciences, Engineering or Computer Science. An exceptionally strong candidate who is about to obtain a PhD in the immediate future can be considered, but the final acceptance to the post will depend on the production of a valid PhD degree. Both recent PhD recipients and more experienced candidates will be considered alike. There is no restrictions on age or nationality.

The candidate should be able to work with higher mathematics and to write computer codes in a numerical computational language. Regardless of his preferred language, the candidate should demonstrate a knowledge of, or a strong commitment to learn, FORTRAN, C++ and Python. He also should have the ability to collect, synthesize and analyze information from various sources and to communicate effectively on complex technical and scientific issues.

The candidate should be able to perform his work in close collaboration with other participants and to be active on the group discussions. He should enjoy working and sharing experiences with others and be able working toward meeting set goals. The candidate should be able to read and write in English.

 (C) How to Apply

Candidates are required to submit the following:

(i) A CV detailing academic degrees, past research or professional experience and any other relevant information. A Lattes CV (*lattes.cnpq.br)* is accepted in lieu of a personally formatted CV.

(ii) A short (1-2 pages) statement on research interests, reasons to apply and any other relevant personal information. Statements that are simply a copy of what is currently available in the Internet will not be considered for further scrutiny. We kindly suggest favoring a personal approach to it.

(iii) Names and contact information of between 1 and 3 references who know your work. Do specify your professional relation to the referee(s). Please note we are not going to favor any candidate due to a higher number of referees.

 (iv) The deadline for submission is by 10-01-2018, 8pm Brasilia Time.

Please send the above in digital form (pdf) to:

Profa. Ellen de Nazaré Souza Gomes

Contact Email: ellensgufpa@gmail.com