

Pos-Doctoral Fellowship at the National Laboratory for Scientific Computing

An international selection process for a Pos-Doctoral Fellowship is available at the National Laboratory for Scientific Computing. Such position is linked to LNCC's Graduate Program in Computational Modeling. LNCC is a research institute that belongs to the Brazilian Ministry of Science, Technology and Innovation, whose mission includes to carry out top research in areas such as Computer Science, Applied Mathematics, Computational Mechanics, as well as Systems and Control. The fellowship involves the development of research and innovation in one of the research areas below:

- Computational Linear Algebra, Stochastic Differential Equations, Computational Statistics, Bioinformatics, Molecular Biology, and Computational Simulation in Biology and Medicine.
- Topological Sensibility Analysis, Finite Element Methods, Knowledge Diffusion Phenomena, Circulation and Transport Modeling, Porous Media, Multiscale Modeling, Inverse Problems, Forecast and Data Assimilation.
- High Performance Computing, Quantum Computing, Image Processing, Virtual Reality, Computer Networks and Mobile Computing, Distributed Systems, Computational Grids and Complex Physiological System Modeling
- Stability, Control and Estimation of Systems Subject to Failures, Financial Mathematics, Signal Processing, Robotics, Non-Linear Systems and Theoretic Ecology.

Candidates to the Fellowship is expected to hold a Ph.D. in Biology, Computer Science, Engineering, Mathematics or areas related to the research areas listed above. Recently graduated Ph.D. candidates, as well as active researchers, are encouraged to apply. The fellowship comes from the PCI/LNCC program and comprises R\$ 4.000,00 per month for a year, renewable for up to three years.

Application

Interested parties should send, by October 15th, 2012, a cover letter, Curriculum Vitae (CV Lattes if the applicant lives in Brazil), work proposal (2-3 pages), two or more reference letters, copies of three publications considered relevant, photocopy of passport (for foreigners) or ID card and CPF for Brazilian residents. The application should be sent to Jauvane C. de Oliveira – tel (24) 2233-6022 / 2233-6041, FAX (24) 2233-6071, through email sent to pci@lncc.br or to the address below:

Jauvane C de Oliveira
PCI/LNCC - Programa de Pós Doutorado do LNCC
Av. Getúlio Vargas, 333 – Quitandinha
25651-075 Petrópolis-RJ
Brazil

The publication section in the applicant's Curriculum Vitae shall contain details for all papers published. The work proposal shall display adherence to at least one of the research lines listed above. It is desirable that the candidate gets involved with the Graduate Program in Computational Modeling, ideally lecturing some courses.

EVALUATION

The evaluation of the applications will be performed in two stages. The first stage will take into account: 1) The applicant's Curriculum Vitae and 2) The Work Proposal, with regard to how fit it is to LNCC, as well as its quality and probability of proper execution. The second stage consists of an interview with all candidates selected in the first stage of the process. The best match will be selected for the fellowship.

PUBLICATION OF SELECTION RESULT

The selected candidate will be disclosed by October 29th. Activities may start as early as November 1st.

PCI/LNCC Committee.