

POSTDOCTORAL FELLOWSHIP AT THE DEPARTMENT OF THEORETICAL PHYSICS OF THE UNIVERSITY OF THE STATE OF RIO DE JANEIRO

A postdoctoral position is open to work with the members of the Gravitation and Cosmology group of the Institute of Physics at the Rio de Janeiro State University (UERJ), as a part of the CAPES-PrInt Program ¹. Applicants should preferably have one or more years of postdoctoral experience abroad. The position is for 12 months, and is intended for original and intellectually independent young researchers, who aim at interacting with the scientists of the Group, as well as at pursuing their own lines of research.

The areas of strength of the Group include Early Universe Cosmology, Inflation, Cosmological Phase Transitions; Cosmology, Gravitational Collapse and Compact Objects in GR and Modified Theories of Gravitation; Numerical Relativity (Black Hole Initial Data, Gravitational Collapse, Nonlinear Preheating), among others ².

All candidates are encouraged to apply from July 3 to July 31, 2023. The selected candidate will be notified by the beginning of August 2023. The fellowship can start no later than the beginning of November 2023.

During the twelve months of the fellowship, the selected candidate will receive 4.100,00 Reais per month (corresponding to the fellowship), and 400,00 Reais per month (for health insurance). There will also be a one-time payment of 2.200,00 Reais (to help the selected candidate with the initial expenses). The plane ticket will be covered by CAPES.

Applicants should submit their Curriculum Vitae (CV), a statement of research interests, and arrange for two letters of reference to be sent on their behalf. The CV must include a list of publications, and the three most relevant ones should be highlighted. The list of the two referees who will send the letters must be included as a separate Item in the CV.

All files required for the application should be sent in PDF format to the following email address: sepbergliaffa@gmail.com, with the subject line "Application - Postdoctoral Fellowship". The signed letters of reference must be sent by each referee in PDF form to the same email address. Please ask

¹ CAPES is the "Coordenação de Apoio de Pessoal de Nível Superior", a funding agency of the federal government of Brazil.

² For additional information about the Group, see http://www.posif.uerj.br/?page_id=464&lang=en.

the referee to include the text "Name of the candidate - Letter of Reference" in the subject line of the email.

For additional enquiries or information, please send an email to: sepbergliaffa@gmail.com .