

**VACANCY ANNOUNCEMENT FOR VISITANT PROFESSOR  
PUBLIC CALL (EDITAL) #007/2023**

***Number of vacancies and areas of knowledge:***

- 1) 1 (one) on PHYSICS; with emphasis on:
  - ❖ CONDENSED MATTER PHYSICS, ADVANCED MATERIALS AND NANOSCIENCE
- 2) 1 (one) on PHYSICS; with emphasis on:
  - ❖ ATOMIC AND MOLECULAR PHYSICS, QUANTUM INFORMATION, QUANTUM OPTICS

Areas of knowledge to be contemplated:

- 1) CONDENSED MATTER PHYSICS, ADVANCED MATERIALS AND NANOSCIENCE
- 2) ATOMIC AND MOLECULAR PHYSICS, QUANTUM INFORMATION, QUANTUM OPTICS

***Requirements:***

- I – any Doctoral Degree obtained for at least 2 (two) years;
- II – Physical and mental health for the job;
- III – Other documents required (UFABC will intermediate visa process for foreigners)

***Remuneration and term of employment:***

- ❖ R\$ 9,916.18 monthly per 40 weekly hours of work for one year, annually extensible up to 4 (four) years for foreigners

***Required documents and application:***

- I – any Doctoral Degree
- II – Curriculum vitae or generated on <http://lattes.cnpq.br/>
- III – Curriculum items supporting documents such as published articles, book chapters, certificates etc. (check curriculum analysis chart on the appendix)
- IV - research project and/or work plan, referenced and contextualized to the special program, area of knowledge of option and to the Pedagogical Project of UFABC, **with a maximum of twelve (12) pages**

All documents must be sent as a single zip folder (up to 200MB) until **06/April/2023 (BRT)**, through the website:

<https://sig.ufabc.edu.br/sigrh/public/home.jsf>

(menu Concursos / Concursos abertos /  Inscrever-se no concurso)

***Detailed characteristics of the vacancy:***

Special Teaching, Research or Outreach program:

The visiting professor in any of the subareas of this selection should strengthen the teaching, outreach and research activities related to the Bachelor of Physics course, and related postgraduate courses,

within their area of expertise. The visiting professor will contribute, according to the planning of the coordination, in the following disciplines of the interdisciplinary bachelor's degrees in Science and Technology (Bacharelado em Ciência e Tecnologia, BC&T):

- Structure of Matter
- Mechanical Phenomena
- Thermal Phenomena
- Electromagnetic Phenomena
- Quantum Physics
- Atomic and Molecular Interactions.

The visiting professor might also contribute with more specialized disciplines of the bachelor's degree in Physics:

- Physics Laboratories 1, 2 and 3
- Wave Phenomena
- Continuum Physics
- Vector and Tensor Calculus
- Electromagnetism 1, 2 and 3
- Quantum Mechanics 1, 2 and 3
- Classical Mechanics 1, 2 and 3
- Principles of Thermodynamics
- Statistical Mechanics.

II) RESEARCH: The visiting professor should strengthen the research groups already established in the institution and expand the corresponding lines of research. His/her curriculum should contain evidence of independence and excellence as a researcher in topics related to the chosen sub-area.

III) EXTENSION: It is desirable that the visiting professor have the potential to develop the Institution's interface with society in outreach actions and projects, particularly involving the productive sector and technological development and innovation agencies, whether public or private. It is also expected a relevant contribution to the graduate programs in Physics and Nanotechnology, as well as in outreach

projects regarding his/hers line of research.

***Additional information:***

Further information can be found on the Public Call (Edital) 007/2023, available at:  
<https://www.ufabc.edu.br/concursos/docentes/inscricoes-abertas> (Portuguese only)

Results of the public selection will be published within 90 days from the closing of application period, on <https://www.ufabc.edu.br/concursos/docentes>