

**MINISTRY OF EDUCATION  
UNIVERSIDADE FEDERAL DO RIO GRANDE  
(FEDERAL UNIVERSITY OF RIO GRANDE)  
INSTITUTO DE MATEMÁTICA, ESTATÍSTICA E FÍSICA  
(MATHEMATICS, STATISTICS AND PHYSICS INSTITUTE)**

**PUBLIC NOTICE N. 02/2023**

The Mathematics Statistics, and Physics Institute (Instituto de Matemática Estatística e Física – IMEF) announces the opening of a simplified public admission process for hiring Visiting Professor in the Graduate Program of **Physics**, under the terms of Law nº8.745/93 amended by Law nº 12.772/12. The Brazilian Visiting Professor or Foreign Visiting Professor should have a relevant academic production and effectively develop activities abroad.

### **1- OBJECTIVES**

- a) Admitting Visiting Professors (Brazilians) or Foreign Visiting Professor, with recognized scientific and academic production, to support the execution of teaching, research and extension activities.
- b) Contributing to the development, improvement or creation of non-degree graduate programs, in accordance with the Institutional Pedagogical Project and the Institutional Development Plan.

### **2- VACANCIES**

Number of Vacancies: **1**

Field of Knowledge: **Physics and Astronomy**

Graduate Program: **Physics (PPG-Física)**

Line of Research: Astrophysics, Condensed Matter, Physics of Particle and Fields

### **3- APPLICATION**

3.1. The submission of the following documents is required for application:

- a) Letter of intent for enrollment and signed addressed to PPG-Física;
- b) copy of Doctoral Degree Certificate;
- c) copy of Identity Document (ID) or Passport;
- d) Documented Curriculum Vitae (*Lattes CV* documented for Brazilians).
- e) Work Plan, containing the activities to be developed, including research, supervision, courses/subjects to be taught at undergraduate and graduate levels;

To accomplish enrollment, candidates must submit the required documents exclusively by email [pgfisica@furg.br](mailto:pgfisica@furg.br) and [imef.pos@furg.br](mailto:imef.pos@furg.br)

#### **4- SIMPLIFIED ADMISSION PROCESS:**

4.1. The simplified admission process will consist of:

- a) proof of formal qualifications and professional experience (documented in the Curriculum vitae) of an eliminatory and qualifying character; and
- b) analysis of the Work Plan as eliminatory and qualifying factor.

In all steps the minimum passing grade will be 60% of the maximum score.

4.2. During the proof of formal qualifications, CV will be analyzed according to Score Board (Appendix 1).

4.3. The formal qualifications required as minimum for enrollment in the simplified admission process will not be scored, and each formal qualification will be considered only once.

4.4. During the analysis of Work Plan, the following factors will be weighted according to the value in parentheses:

- a) relevance and insertion of the Work Plan regarding research and graduate activities – at least 75% of proposed activities (4 points);
- b) relevance and contribution to undergraduate teaching, extension and application/technological activities (1 point);
- c) pertinence and feasibility of the Work Plan (2 point);
- d) compatibility with the field of knowledge and research line(s) of the PPG-Física (1 point);
- e) impacts of the proposal for the Program's research qualification and internationalization of the PPG-Física (1 point).

4.5 The final result of the selection process will be the average of the grades obtained in the formal qualifications and professional experience (weighted as 70%) and Work Plan (weighted as 30%).

#### **5. GENERAL PROVISIONS**

5.1. In case of having no applications, within the established term, application and admission process deadlines will be automatically extended by the same period.

5.2. Minimum formal qualification and professional competence for hiring Visiting Professor or Foreign Visiting Professor are:

- a) To have Doctoral Degree for, at least, 2 years;
- b) To have an academic degree or formal academic experience abroad (full education abroad, doctoral mobility program abroad, visiting professor abroad, long-term mobility, or similar situation).
- c) To have availability for exclusive dedication. In case of having an institutional position, the professor must be made available from his/her home institution.

- d) To be a professor or researcher of recognized competence on his/her field, with relevant activity in training of professionals at undergraduate and/or graduate levels.
- e) To have relevant and documented academic production, in the embraced field of knowledge of the program, in the last 5 (five) years.

## 6. CONTRACT DURATION

The hiring of Visiting Professors will happen, initially, for 1 (one) year, which may be extended up to a maximum of 24 (twenty-four) months.

The hiring of Foreign Visiting Professors will happen, initially, for 2 (two) years, which may be extended up to a maximum of 48 (forty-eight) months.

Deadlines will be computed from the contract signature date. Contract renewal will be conditioned to the evaluation of execution of the Work Plan Approved.

## 7. REMUNERATION

7.1. Remuneration of Visiting Professors and Foreign Visiting Professors will be established based on the qualification and experience of the candidate, according to the analysis of Personnel Management Department's Special Committee, as per correspondence with the compensation range of the career and salary plan of professors of Higher Education Institutions, which may happen in the following categories:

- a) Category C (Assistant):
- b) Category D (Associate):
- c) Category E (Full):

7.2. Remuneration values, for each category in the item 7.1, correspond to the following chart:

	Grade	Compensation (*)	Payment for qualification (PhD) (*)	Meals Allowance	Total
Category C (Assistant)	I	R\$ 5.488,41	R\$ 6.311,69	R\$458,00	R\$ 12.258,10
Category D (Associate)	I	R\$ 7.717,17	R\$ 8.874,74	R\$458,00	R\$17.049,91
Category E (Full)	I	R\$ 9.548,84	R\$ 10.981,17	R\$458,00	R\$ 20.988,01

(\*) Financial purposes from January 1<sup>st</sup>, 2017, under the terms of Law n° 13.325, from July 29<sup>th</sup>, 2016.

7.3. Requirements of category framework:

Category	Time of Qualification	Professional Experience	Scientific Production	Training Experience in Research
Category C (Assistant)	Doctoral Degree for, at least, 2 years.	Teaching experience in Higher Education or as a Researcher for, at least, 2 (two) years.	Relevant scientific production in the field of application in the last 5 (five) years.	Experience in advising activities of scientific initiation, graduation projects, and supervision or joint supervision at graduate level.

Category D (Associate)	Doctoral Degree for, at least, 8 years.	Teaching experience in Higher Education or as a Researcher for, at least, 5(five) years.	Relevant scientific production in the field of application in the last 5 (five) years.	Completion of, at least, 2 (two) master's or doctoral degrees supervisions as an advisor.
Category E (Full)	Doctoral Degree for, at least, 16 years.	Teaching experience in Higher Education or as a Researcher for, at least, 10(ten) years.	To have relevant scientific production in the field of application in the last 5 (five) years.	Completion of, at least, 4 doctoral degrees supervisions as an advisor.

7.4. For the framework of qualification time, the contract signature date will be considered.

7.5. For the framework of professional experience, both teaching and research background, teaching and mentoring in distance learning activities, teaching at undergraduate and graduate levels, research project coordination, as well as university management and extension experience may be computed.

7.6. The framework of scientific production is detailed in the spreadsheet attached, considered the relevance and the supervisions in the area of evaluation in which the graduate program is settled.

7.7. For the framework of training experience in research, the above-mentioned activities will be considered.

## **8. RECONSIDERATION AND APPEALS**

8.1. Reconsideration may be requested within 3 (three) working days from the disclosure of final results.

8.2. Requests for appeals will be submitted exclusively by email to [pgfisica@furg.br](mailto:pgfisica@furg.br) and [imef.pos@furg.br](mailto:imef.pos@furg.br)

## **9. HIRING**

9.1. It is the responsibility of Foreign Visiting Professors to have a visa to enter Brazil, in the corresponding category of the activities to be developed, with compatible validity of the residence period in the country, moreover predicting the possibility of contract extension, according to the current legislation.

9.2. In case of approval and after the appeal deadline, the hiring of the candidate will take place.

## 10. SCHEDULE

22th Mar. 2023 - 30th June 2023	Application period
04th July 2023	Preliminary homologation of applications
05th July 2023	Deadline for reconsideration of homologation of applications
06th July 2023	Final homologation of applications
07th July 2023 - 14th July 2023	Selection period
17th July 2023	Publication of preliminary results ( <a href="http://www.ppgfisica.furg.br">www.ppgfisica.furg.br</a> )
18th July 2023	Deadline for reconsideration of preliminary results
19th July 2023	Publication of final results ( <a href="http://www.ppgfisica.furg.br">www.ppgfisica.furg.br</a> )

## 11. SELECTION COMMITTEE

Prof. Dr. Matheus Jatkoske Lazo (Committee Chairman)

Prof. Dra. Águeda Maria Turatti

Prof. Dr. Fabrício Ferrari

Prof. Dr. João Thiago de Santana Amaral

Prof. Dr. Carlos Frajuca

## ANNEX I - VALUATION TITLE TABLE

Only curriculum information supported by documentation will be considered. Curriculum scores are listed in the items below. The highest curriculum score obtained by a candidate in Item I (Scientific Production) is equivalent to a NI score of 7 (seven), and the other NI scores are then determined in proportion to this highest score. The highest NII score on II (Teaching Experience) is 2.0 points. The highest NIII score on III (professional experience outside of teaching, other technical/academic activities, consulting activities, literary or artistic activities) is 1.0 points. The final NT score for the title exam is the sum of the scores for the items  $NT = NI + NII + NIII$ .

### I - Scientific production (last 5 years)

Works	Points
<b>1.1. Intellectual production in the research lines of this admission process (Only publications that appear in the SCOPUS database in the area of Astronomy and Physics will be considered)</b>	-----
1.1.1. Article published in scientific journal of the area with editorial board and peer review, with CiteScore $IF \geq 10$ (per article)	2.0
1.1.2 Article published in scientific journal of the area with editorial board and peer review, with CiteScore $10 > IF \geq 5$ (per article)	1.5
1.1.3 Article published in scientific journal of the area with editorial board and peer review, with CiteScore $5 > IF \geq 3$ (per article)	1.0
1.1.4 Article published in scientific journal of the area with editorial board and peer review, with CiteScore $3 > IF$ (per article)	0.5
1.1.5. Article published in a technical or scientific journal (per article)	0.2
1.1.6. Article published in newspaper or electronic website (per article)	0.1
1.1.7. Dissemination article, experience reports and reviews (per article)	0.2
1.1.8. Completed work or expanded abstract published in annals of international events (per work)	0.2
1.1.9. Completed work or expanded abstract published in annals of national events (per work)	0.1
1.1.10. Abstract published in annals of national and international events (per summary - maximum score of 0.3 points)	0.05
1.1.11. Published full-text book author (per book)	0.7
1.1.12. Co-authored full-text book published (per book)	0.4
1.1.13. Organizer or publisher of published collection (per book)	0.2
1.1.14. Book chapter published (per chapter; maximum of two chapters per book)	0.2
1.1.15. Book translation in the area of knowledge of the contest (per book)	0.2
1.1.16. Revised full-text book edition (per book)	0.2
1.1.17. Lectures given (per lecture - maximum score of 0.3 points)	0.1
1.1.18. Oral or poster presentation in scientific events (up to 0.05 point per work - maximum score of 0.3 points)	0.05
1.1.19. Participation in congresses, symposia, and seminars (up to 0.02 point per event - maximum score of 0.3 points)	0.02

<b>1.2. Scientific committees, professionals or development agencies (maximum score: 1.0)</b>	-----
1.2.1. Scientific committee member or editor of scientific periodical in the area of the contest (per periodical)	0.2
1.2.2. Referee of scientific periodical in the area of the contest (per periodical)	0.2
1.2.3. Development agencies ad hoc consultant for research or postgraduate (per year of performance)	0.1
1.2.4. Development agencies area coordinator (or assistant) or member of area advisory committee in research or postgraduate (for at least two years)	0.2
1.2.5. President of scientific society (for at least two years)	0.1
1.2.6. Member of board of directors or council of scientific societies in the area of the contest (per year of performance)	0.1
1.2.7. Member of board of directors or council of class entity (by year of performance)	0.1
<b>1.3. Other relevant activities (maximum score: 0.5)</b>	
1.3.1. Event (congress, symposium, seminar, or similar) coordinator (per event)	0.1
1.3.2. Technical consultancies and authorized consultancies (per activity)	0.1
1.3.3. Technical activities of social insertion (per activity)	0.1
1.3.4. Academic Awards (per prize)	0.1
1.3.5. Other (non regular) works of a technical or professional nature (per work)	0.1
1.3.6. Other relevant activities to be considered by the judging commissions' board (per activity)	0.1
1.3.7 Professional activities developed in the area of the contest (per year)	0.1

NOTE 1: The titles referred to in item 2.1 of this Group have to be certified by means of a declaration, certificate or a copy of the title page and respective chapter, when applicable.

NOTE 2. The titles referred to in items 2.2 and 2.3 have to be certified by means of a declaration, certificate or an official act of designation.

## II - Teaching experience: maximum score - 2.0 points

<b>Works</b>	<b>Points</b>
<b>2.1. Teaching (maximum score: 2.0)</b>	-----
2.1.1. Teaching experience in undergraduate courses (per course)	0.1
2.1.2. Teaching experience in graduate courses (per course)	0.2
2.1.3. Teaching activities in non-regular subjects (undergraduate and graduate), in extension programs or equivalent activities (per teaching activity - maximum score of 0.5 points)	0.05
<b>2.2. Academic advisory (maximum score: 1.0)</b>	
2.2.1. Approved Ph.D. thesis (advisor) (per thesis)	0.2

2.2.2. Approved Ph.D. thesis (co-advisor) (per thesis)	0.1
2.2.3. Approved Master dissertation (advisor) (per dissertation)	0.1
2.2.4. Approved Master dissertation (co-advisor) (per dissertation)	0.05
2.2.5. Supervision of internships, scientific initiation, monitoring, extension projects or training programs (per supervision - maximum score of 0.5 points)	0.05
2.2.6. Supervision of undergraduate final monography (per supervision - maximum score of 0.5 points)	0.05
2.2.7. Postdoctoral internship supervision (per internship completed)	0.2
<b>2.3. Judging Commissions' Boards (maximum score: 0.5)</b>	-----
2.3.1. Member of examination boards for Ph.D thesis, lecturer or university professor contest (per participation - maximum score of 0.5 points)	0.1
2.3.2. Member of examination boards for Master dissertations, basic or high school teacher contest or technical-administrative personnel contest (per participation - maximum score of 0.5 points)	0.05
2.3.3. Member of examination boards for undergraduate final monography, selection of institutional undergraduate scholarship holders (traineeship, scientific initiation, monitoring, extension or equivalent) (per participation - maximum score of 0.5 points )	0.05
2.3.4. Member of organizing committee of congresses, symposia and similar (per activity - maximum score of 0.5 points)	0.02
<b>2.4. Approval in public contests (maximum score: 1.0)</b>	
2.4.1. Certificate of approval in contest for titular professor or equivalent (maximum score of 1.0 points)	1.0
2.4.2. Certificate of approval in contest for adjunct professor or equivalent (maximum score of 0.6 points)	0.2
2.4.3. Certificate of approval in contest for assistant professor or equivalent (maximum score of 0.4 points)	0.2
2.4.4 Certificate of approval in contest for auxiliary professor or equivalent (maximum score of 0.2 points)	0.1
2.4.5. Certificate of approval in competition for substitute professor or equivalent (maximum score of 0.2 points)	0.1
<b>2.5. Teacher training activities (maximum score: 0.5)</b>	
2.5.1. Post-doctoral internship (per stage of at least 4 months)	0.5
2.5.2. Technical-vocational training (for at least 2 months)	0.3
2.5.3. Refresher course (at least 40 hours) (0.2 point for each course - maximum score of 0.6 points)	0.2
2.5.4. Professional improvement course (at least 180 hours) (per course - maximum score of 0.6 points)	0.3

Note: The titles referred to in this Group have to be certified by means of a declaration, certificate, or official document, submitted by certified copy or by copy accompanied by the original for authentication purposes by the secretary of the examination board

**III – Non-teaching professional experience, other technical-scientific activities, extension activities, literary or artistic activities: maximum score - 1.0 point**

<b>Works</b>	<b>Points</b>
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3.1. Rector or equivalent (per mandate)	1.0
3.2. Vice-rector and prorector or equivalent (per term)	0.7
3.3. Director of university unit or equivalent, director of supplementary agency (per term)	0.4
3.4. Deputy director, head of a department, coordinator of undergraduate and postgraduate courses or equivalent (per term)	0.2
3.5. Director of administrative department, head of a cabinet, and coordinator of administrative coordination, or equivalent, deputy chief of department, sub-coordinator of undergraduate and postgraduate courses (per term)	0.1
3.6 Other professional activities in the area of the contest (per activity - maximum score of 0.5 points)	0.05

Note: The titles referred to in this Group have to be certified by means of the official act of designation or the respective term of investiture.