

Career talk

BSCG- 2026

CBPF · RIO DE JANEIRO



Meet the CBPF COSMO group

<https://cbpf-cosmo.github.io/>

Bruno Azevedo
Lemos Moraes



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Meet the CBPF COSMO group

<https://cbpf-cosmo.github.io/>

Louis Legrand



Martin Makler



Maurício Hippert



Miguel Quartin



Nelson Pinto-Neto



Philippe de Fabritiis



Sebastião Alves Dias





Computational Cosmology



Observational Cosmology



**Strong Interactions and Nuclear
Physics**

Under construction.



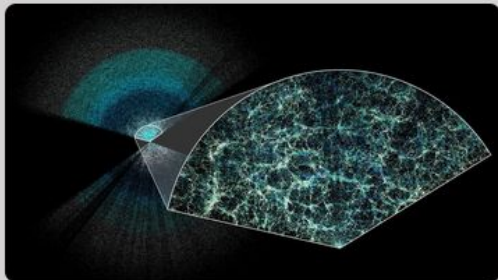
Quantum Gravity



Gravitational Waves



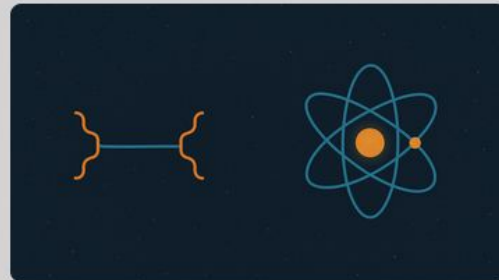
Primordial Universe



Late Universe



**Galaxy-Halo connection
(Astrophysics)**



Quantum Field Theory

Our science ecosystem

Many of our members are involved in major international efforts, while also building new connections within Brazil and Latin America:

- Euclid
- Atacama Cosmology Telescope
- Simons Observatory
- Einstein Telescope
- LIGO
- Vera Rubin Observatory Legacy Survey of Space and Time (LSST): DESC, TVSSC, SLSC
- J-PAS, J-PLUS



And this is very much the kind of scientific environment we hope to continue building here at CBPF!

Opportunities

Established schools:

- XX - Brazilian School on Cosmology and Gravitation (BSCG), running since 1978
- XV - CBPF School (all research topics), since 1998
- X - EAFExp-CBPF (advanced experimental school), since 2016

Other schools & thematic events, e.g. in 2026:

- I Observational Extragalactic school
- II School on Computation and Artificial Intelligence at CBPF
- IV Lensing by Galaxies and Clusters

- **Graduate student scholarships - How to apply?**

<https://uniposrio-fisica.cbpf.br/>

UNI
POS
RIO

Bem vindo ao
UNIPOS RIO

Usuário

ftovar

Senha

[Redefinir senha](#)

☐ Não sou um robô

Capt

Entrar

Entrar com IDCBPF

Acesso rápido

Guia de Inscrição

Confira o passo a passo para realizar sua inscrição corretamente.

Canal no YouTube

Assista aos vídeos explicativos sobre o processo de inscrição.

Suporte Técnico

Dúvidas: posgrad@cbpf.br

O Exame Unificado para a Pós Graduação em Física do Rio de Janeiro - UNIPOS RIO-FÍSICA reúne os Programas do CBPF, UFRJ, UERJ, UFF e PUC em uma única prova de acesso. O resultado da prova escrita será utilizado a critério de cada programa de acordo com seus respectivos editais. Leia atentamente o Edital da prova escrita, e observe o calendário e as regras de cada instituição envolvida.

Countries where EHF is usually applied.

The individual results of the Unified Examination of Graduate Courses in Physics – EUF – may be used as part of the selection process for admission to the Graduate Programs in Physics of Brazilian universities and other institutions, partners of the EUF

> Cartaz

CARTAZ

Opportunities

- **Postdoctoral positions in Brazil:**

~ **3 postdoctoral positions** (2–3 years) to be announced next month, with flexible start dates between March and September 2027

Possibility to apply to regular programs of the Brazilian agencies:

- CNPq (federal): Junior (PDJ) and "Senior" (PDS) post-docs
- FAPERJ: Pós-Doutorado Nota 10 (PDR-10), Pós-Doutorado Sênior(PDS)

Regular calls, usually once per year

Opportunities

- Postdoctoral abroad in Cosmo/Astro:

Job season: PLAN AHEAD!

Aug-Sep → First positions appear

Sep-Nov → 🔥 Main job season

Nov-Dec → Many deadlines

Jan-Mar → Interviews & late positions (just a few opportunities)

Apr-Jun → Additional / project-funded positions (rare!)

Where to look:

- AAS Job : <https://aas.org/jobregister>
- AcademicJobsOnline: <https://academicjobsonline.org/ajo/jobs>
- In europe: EURAXESS (postdocs, Research Fellows, Marie Skłodowska-Curie, funds from ERC, Research Associates: <https://euraxess.ec.europa.eu/jobs?>
- APS careers: <https://www.aps.org/careers>
- Institute websites
- Brazilian scholarships e.g: [Chamada Pública MCTI/CNPq/MIR/MMulheres/MPI Nº 20/2026 Atlânticas](#)

- [Programa Beatriz Nascimento de Mulheres na Ciência](#)