



SOCIEDADE BRASILEIRA DE FÍSICA

# *43rd International Conference on High Energy Physics*

ICHEP 2026

Natal, Brazil

July 29-August 5



Fundação de Amparo e Promoção  
da Ciência, Tecnologia e Inovação  
do Rio Grande do Norte



INTERNATIONAL  
INSTITUTE OF  
PHYSICS  
Federal University of Rio Grande do Norte



CLAF  
Centro Latino-Americano de Física





# *ICHEP 2026*

- First time ICHEP will be hosted in Latin America (LA)
- LA has a thriving HEP community, mapped by the Latin American Strategy Forum for Research Infrastructure (LASF4RI) in HECAP
- Recently a LA Association for HECAP was formed (LAA-HECAP)
- Brazil became an Associate Member of CERN this year (1st in America)
- SBF has experience in organizing events for >1000 participants
- Support from S&T Ministry, FAPERN, SAIFR, CLAF, RENAFAB, IIP
- Natal is a beautiful city by the ocean with excellent tourism infrastructure and good flight connections
- The International Institute of Physics (IIP) is located in Natal
- Possibility to organize satellite meetings in other places in LA

*There is a rich and diversified landscape of Latin American participation in international collaborations in High Energy, Cosmology and Astroparticle Physics (HECAP) as mapped by the Latin American Strategy Forum for Research Infrastructure in HECAP*

*See documents in [lasf4ri.org](http://lasf4ri.org)*

*An update of the landscape is in progress.*



# AstroParticles/Cosmology

LAGO ALPACA AUGER HAWC TOROS/ABRAS QUBIC ASTRI BINGO LLAMA LSST CTA SWGO SAGO

## High Energy/Nuclear

LAFN Tandem Acc.,  
CNEA Tandar

(HL)LHC-ALICE

(HL)LHC-ATLAS

(HL)LHC-CMS

(HL)LHC-PPS

(HL)LHC-LHCb

RHIC (Phenix, Star)

Belle 2

FCC/ILC/CEPC

Argentina

Bolivia

Brazil

Chile

Colombia

Ecuador

Mexico

Paraguay

Peru

Venezuela

Observers:  
Guatemala  
Honduras

## Neutrinos/DM

ANGRA

CONNIE

NOvA

SENSEI

DUNE

JUNO

Hyper-K

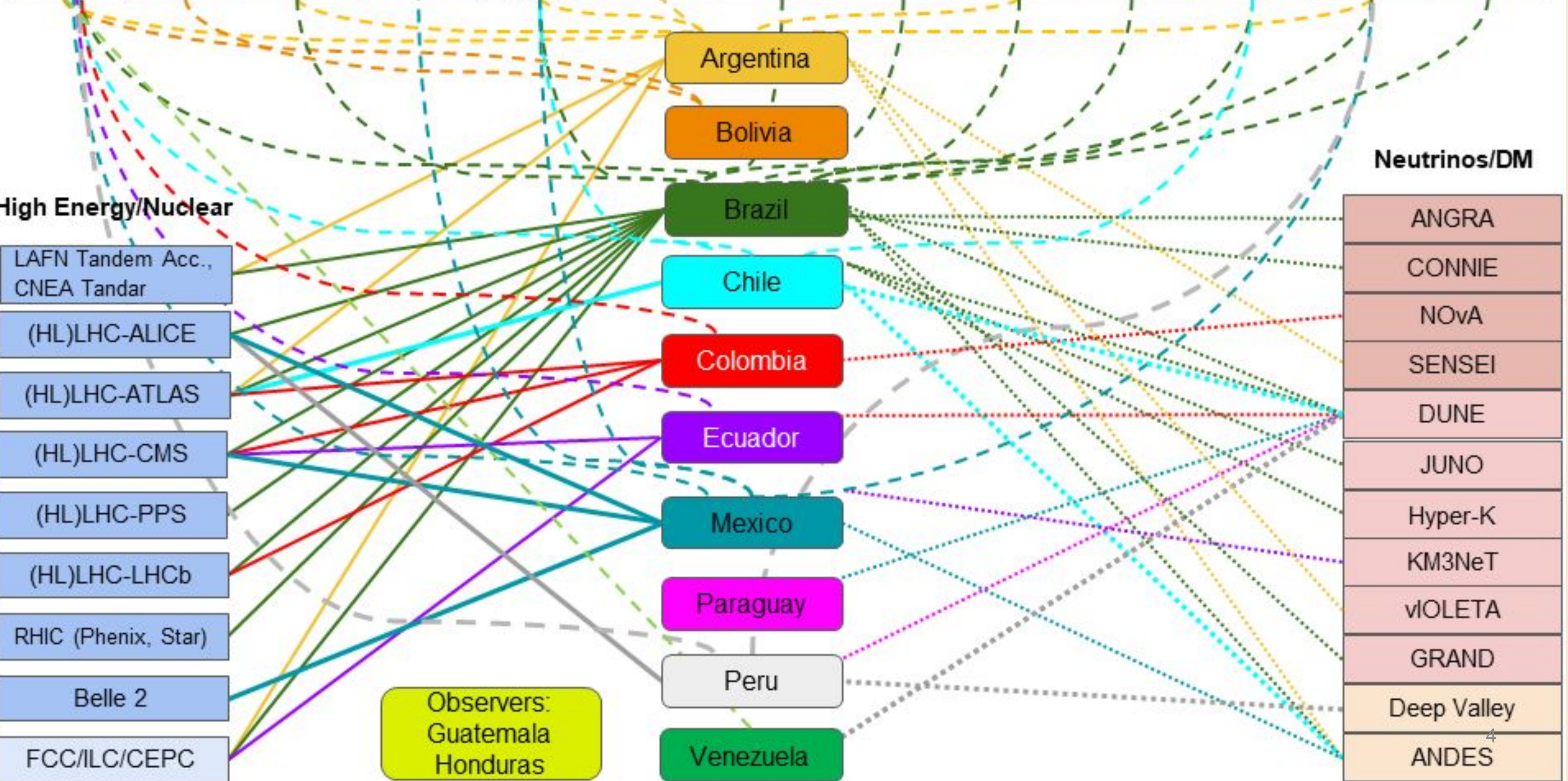
KM3NeT

vIOLETA

GRAND

Deep Valley

ANDES







# ICHEP 2026

Venue for Parallel Sessions  
Praiamar Natal Hotel and Convention Center





# *ICHEP 2026*

Venue for Plenary Sessions  
Natal Convention Center





# *Praiamar Convention Center and Natal Convention Center*

Average hotel prices:

4 stars: US\$120

3 stars: US\$80





# *International Institute of Physics (IIP)*







## Natal (Brazil)



New, improved data now being shown on all forecasts. [Find out more](#)

[Hide](#)

### Today

27° 22°

Light showers changing to partly cloudy by early evening.

Sunrise:  
05:33

Sunset:  
17:22

VH UV

Sun 21 Jul  
 27°  
22°

Mon 22 Jul  
 27°  
22°

Tue 23 Jul  
 27°  
22°

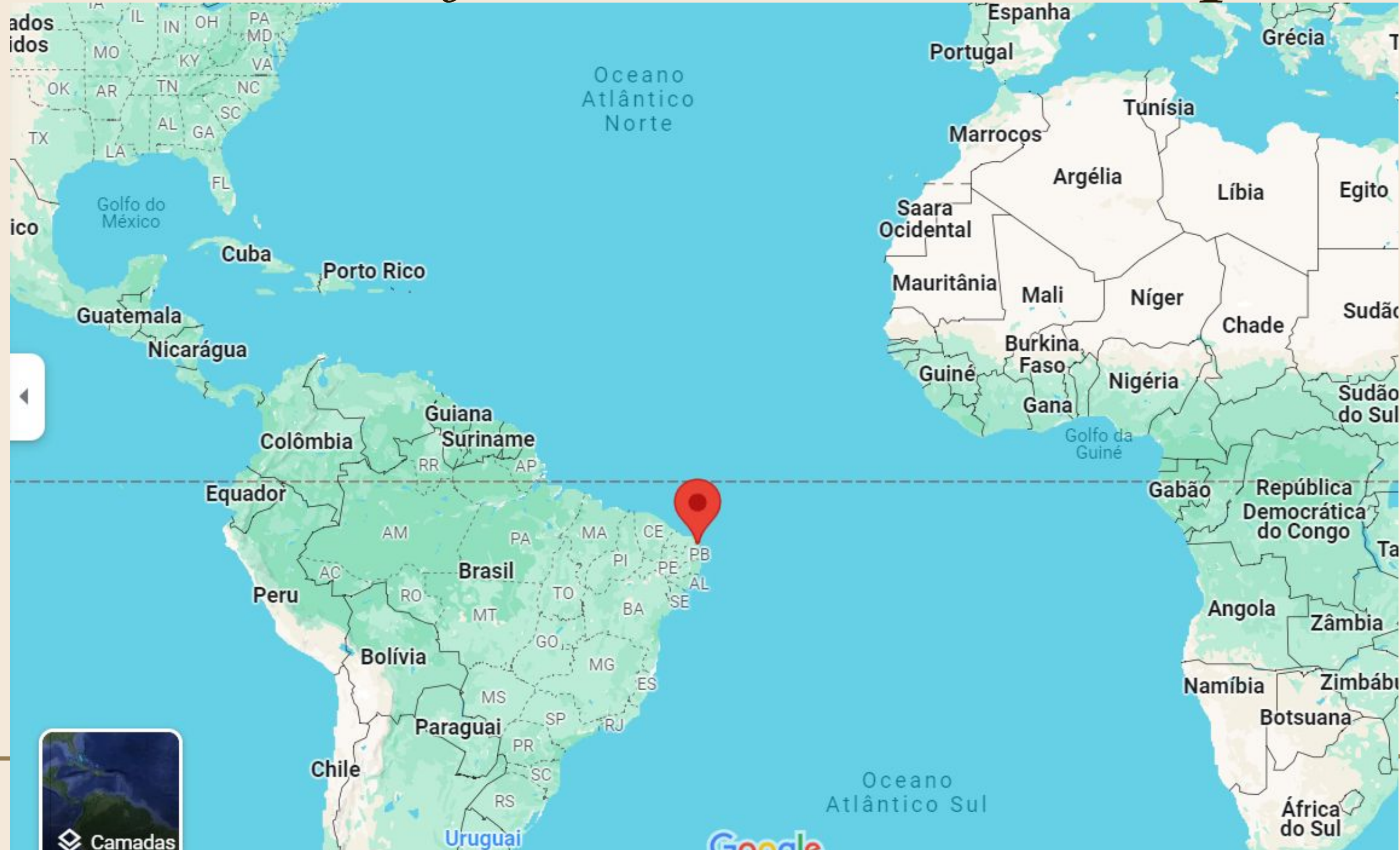
Wed 24 Jul  
 28°  
21°

Thu 25 Jul  
 27°  
22°

Fri 26 Jul  
 28°  
22°



*Natal is in the northeast region  
closer to Africa, US and Europe*





# Airport and flights

## Principais voos de Aeroporto de Natal (NAT)

De Natal para São Paulo (GRU)  
De Natal para São Paulo (CGH)  
De Natal para Brasília (BSB)  
De Natal para Fernando de Noronha (FEN)  
De Natal para Fortaleza (FOR)  
De Natal para Curitiba (CWB)

De Natal para São Paulo (VCP)  
De Natal para o Rio de Janeiro (SDU)  
De Natal para Florianópolis (FLN)  
De Natal para Belo Horizonte (CNF)  
De Natal para Buenos Aires (EZE)  
De Natal para Goiânia (GYN)

De Natal para o Rio de Janeiro (GIG)  
De Natal para Salvador (SSA)  
De Natal para Lisboa (LIS)  
De Natal para a Foz do Iguaçu (IGU)  
De Natal para Buenos Aires (AEP)  
De Natal para a Boa Vista (BVB)

Copa offers service from Brasilia (BSB), Belo Horizonte (CNF), Manaus (MAO), Porto Alegre (POA), Recife (REC), Rio de Janeiro (GIG), Salvador (SSA), and São Paulo (GRU).

quinta-feira, 20 julho

17 se 18 te 19 qu 20 qu 21 se 22 sá 23 do

Pagar com milhas Ordenar por Filtros

### Direct flights from Lisbon

1 VOOS DIRETOS

Operado por Euroatlantic Airways

17:15 LIS → 20:45 NAT 8h 30min Direto TP 0009 Detalhes

Tarifa mais baixa	
Economy de	1.023,50 EUR 1.016,50 EUR
Executive de	2.289,50 EUR 2.282,50 EUR

There are many other connecting flights from Brasilia, Rio and São Paulo



# VISAS

*Official information at:*

<https://www.gov.br/mre/pt-br/assuntos/portal-consular/vistos/QGRVsimplesing04JUN241.pdf>

*For instance, **at the moment** citizens from US and from most countries in Latin America and Europe have Visa exemption for a period not exceeding thirty days. Please check the full list in the link above.*



# *Local Organizing Committee*

Ricardo Avelino Gomes (UFG)

Ignacio Bediaga (CBPF) - **Co-Chair**

Carla Bonifazi (UFRJ/UNSAM)

Augusto Santiago Cerqueira (UFJF)

Ulisses Carneiro (CBPF)

Mauro Cosentino (UFABC)

Yara Coutinho (UFRJ)

Carla Göbel (PUC-Rio)

Victor Gonçalves (UFPeI)

Carsten Hensel (CBPF)

Marco Leite (USP)

André Lessa (UFABC)

Ana Machado (UNICAMP)

Patrícia Magalhães (UNICAMP)

André Massafferri (CBPF)

Clemencia Mora (UERJ)

Danielle Moraes (NXT7)

Marcelo Munhoz (USP)

Irina Nasteva (UFRJ)

Sandra Padula (UNESP)

Farinaldo Queiroz (IIP/UFRN)

Murilo Rangel (UFRJ)

Rogério Rosenfeld (UNESP/SAIFR) - **Co-Chair**

Gustavo Gil da Silveira (UFRGS)

André Sznajder (UERJ)

Vitor de Sousa (USP-IFSC)

Sandro Fonseca de Souza (UERJ)

Jun Takahashi (UNICAMP)



*See you in Natal for ICHEP 2026!*





# *Back-up slides*



# *Letters of Support*



São Paulo, May 19th, 2024

To  
Prof. Florencia Canelli  
Chair  
Commission C11: Particles and Fields  
International Union of Pure and Applied Physics – IUPAP

Dear Prof. Canelli

The Brazilian Physical Society (Sociedade Brasileira de Física – SBF) is a non-profit organization that represents Brazilian physicists since its foundation in July of 1966. With 13,000 registered members, SBF's mission is the support of research, teaching and the training of professionals in this field. SBF also has a key role in important issues related to Brazilian scientific policies besides being one of the most representative scientific society in the country and in South America.

SBF understands the importance of the International Conference of High Energy Physics (ICHEP) which has been the premier venue for this field in the past decades. Therefore, SBF fully supports the proposal of hosting ICHEP in the city of Natal in 2026 and is ready to provide logistical support and handle the conference website.

Sincerely yours,



Rodrigo Capaz  
President  
Sociedade Brasileira de Física





Professor Florencia Canelli  
Chair of Commission C11: Particles and Fields  
International Union of Pure and Applied Physics – IUPAP

Dear Professor Canelli,

The Foundation for the Support and Promotion of Science, Technology and Innovation from Rio Grande do Norte (FAPERN) has the purpose to promote scientific, technological and innovation research, aligned with the policies of the State Government for the socioeconomic development of Rio Grande do Norte.

We understand the importance of the International Conference on High Energy Physics (ICHEP), which has been the premier venue for this field in the past decades. Therefore, we are pleased to inform you that FAPERN fully supports the proposal of hosting ICHEP in the city of Natal in 2026.

Sincerely yours,

  
Professor Gilton Sampaio de Souza

President-Director

FAPERN



**MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION**

Secretariat of Strategic Policies and Programs  
seppe@mcti.gov.br

Professor Florencia Canelli  
Chair of Commission C11: Particles and Fields  
International Union of Pure and Applied Physics - IUPAP  
[florencia.canelli@cern.ch](mailto:florencia.canelli@cern.ch)

Dear Professor Canelli,

The International Conference on High Energy Physics (ICHEP) has been the main venue for the field in the past decades and has never been held in Latin America. Brazil has a vigorous HEP community active at CERN and in many other experiments.

As you may know, Brazil is well advanced in the process of becoming an Associate Member of CERN. In view of this, the Ministry of Science, Technology and Innovation (MCTI) sees the possibility of hosting ICHEP in Brazil in 2026 as a strategic opportunity to increase the visibility of the several groups in Latin America working in HEP.

MCTI, therefore, fully supports the proposal to host the ICHEP in the beautiful city of Natal in 2026.

Sincerely yours,

*(electronically signed)*

**MARCIA CRISTINA BERNARDES BARBOSA**  
Secretary of Strategic Policies and Programs





Centro Latinoamericano de Física  
Centre Latino-Américain de Physique  
Centro Latino-Americano de Física



Rio de Janeiro, July 5, 2023.

CLAF(RES): No. 003/2023

MAT: Supports the Proposal - ICHEP

Professor Florencia Canelli  
Chair  
Commission C11: Particles and Fields  
IUPAP

Dear Professor Canelli,

The Centro Latino-Americano de Física (CLAF), created in 1962, is an international intergovernmental organization recognized by UNESCO that has as its primary goal to promote and coordinate efforts for the development of Physics in Latin America.

We understand the importance of the International Conference on High Energy Physics (ICHEP), which has been the premier venue for the field in the past decades. Therefore, we are pleased to inform you that CLAF fully supports Brazil's proposal to host ICHEP in Natal in 2026.

Sincerely yours,

Dr. Luis Huerta

Director

Latin American Center of Physics - CLAF



July 4, 2023

Professor Florencia Canelli  
Chair of Commission C11: Particles and Fields

IUPAP

Dear Professor Canelli,

The ICTP South American Institute for Fundamental Research (ICTP-SAIFR) is a South American regional center in the city of São Paulo created in a collaboration of the [Abdus Salam International Centre for Theoretical Physics \(ICTP\)](#), the [Instituto de Física Teórica \(IFT\)](#) of [São Paulo State University \(UNESP\)](#) and the [Sao Paulo Research Funding Agency \(FAPESP\)](#) initiated in 2010.

The ICTP-SAIFR's goals are:

- Conduct theoretical physics research at the highest international standards
- Provide an international center for schools and workshops
- Support research in those South American countries where theoretical physics research is not yet well-developed

We understand the importance of the International Conference on High Energy Physics (ICHEP), which has been the premier venue for the field in the past decades. Therefore, the ICTP-SAIFR fully supports the proposal of hosting ICHEP in Natal in 2026, and will be responsible for the Indico page of the event if approved.

Yours sincerely,

A handwritten signature in black ink that reads 'Nathan Berkovits'.

Nathan Jacob Berkovits  
Director of ICTP-SAIFR



OE 008/2023

Professor Florencia Canelli

Chair

Commission C11: Particles and Fields

IUPAP

Subject: Logistics support ICHEP26

Dear Professor Canelli,

The International Institute of Physics (IIP) is a research institute based at the Federal University of Rio Grande do Norte in Natal/RN, Brazil with an international vocation, permanently facing the frontier areas of theoretical physics. Its mission is to intensify the exchange of scientific knowledge with the international community and, in particular with the Latin American community.

We understand the importance of the International Conference on High Energy Physics (ICHEP), which has been the premier venue for this field in the past decades. Therefore, the IIP fully supports the proposal of hosting ICHEP in the city of Natal in 2026, and will help with some of the logistics if you decide to approve such a claim.

Best regards,

Álvaro Ferraz





Rio de Janeiro, March the 6<sup>th</sup> 2023

To: International Conference on High-Energy Physics Committee

To whom it may concern,

RENAFAE, the National Network of High-Energy Physics in Brazil, strongly supports the proposal to have the 2026 edition of the **International Conference on High-Energy Physics (ICHEP)**, held in Rio de Janeiro, Brazil. We believe the Brazilian community in HEP has reached a level of maturity and international relevance that endorse such a proposal.

Please do not hesitate in contacting me if any information is needed.

Best wishes



Gilvan Augusto Alves  
Member of RENAFEA Scientific Technical Council



