



ICTP: Lighthouse for Global Science



The Abdus Salam
International Centre
for Theoretical Physics



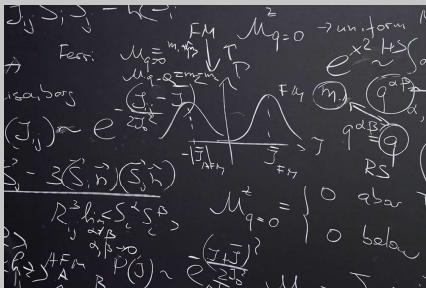
What is ICTP?

- Founded in 1964 by Nobel Laureate Abdus Salam to enhance international cooperation through science.
- Combines world class research with a unique global mission of building science capacity in the developing world.
- Governed by tripartite agreement between Italy, UNESCO and IAEA.



What is ICTP?

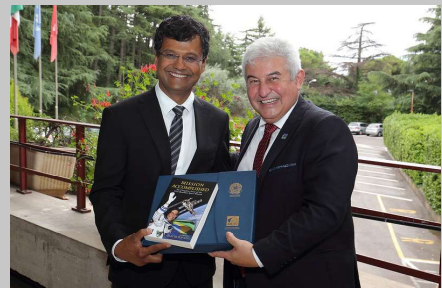
Research



Education



Cooperation



RESEARCH AT ICTP

Research Sections

High Energy Cosmology
& Astroparticle Physics

Condensed Matter and
Statistical Physics

Mathematics

Science, Technology and
Innovation

Earth System
Physics

Quantitative Life
Sciences

Also: Sustainable Energy, Scientific Computing and Medical Physics

Summary of ICTP Activities in Support of Science in LAC



ICTP – Public Information Unit

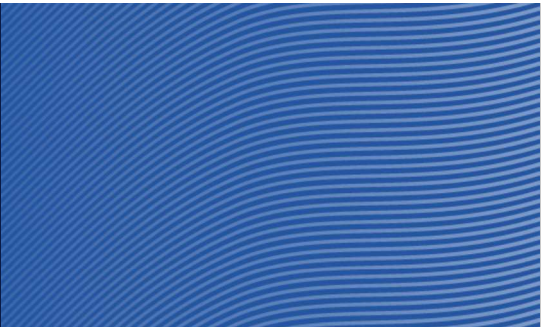


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Scientific Visitors from LAC

as of 2024



SINCE 1970:

20,572

visitors from

22

countries

28%

were female
(since 2001)

IN 2024:

592

visitors from

21

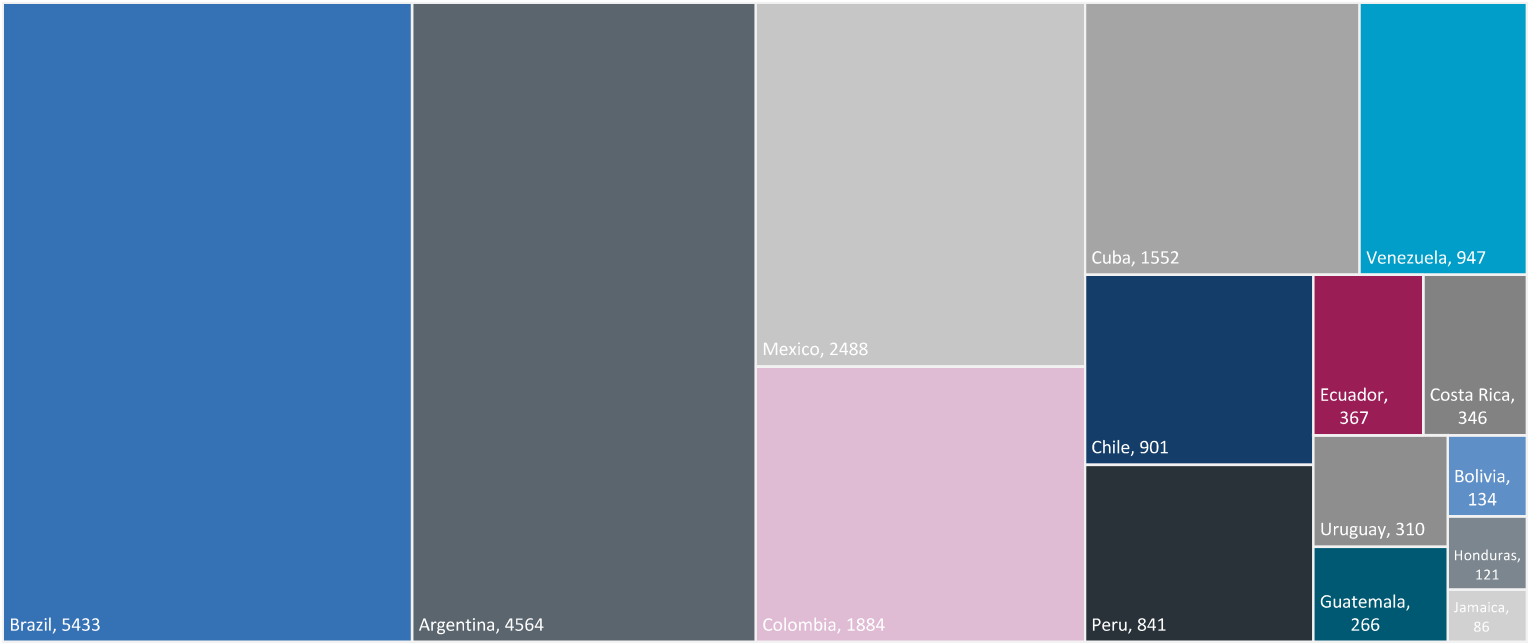
countries

35%

were female

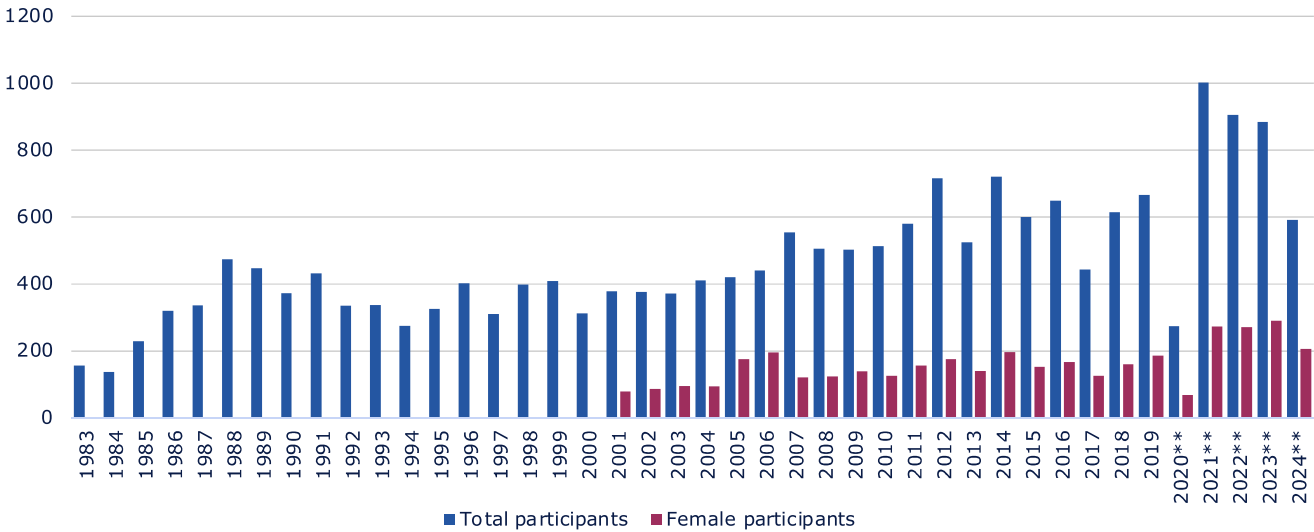


Top 15 Latin American Countries by number of visitors (1970-2024)



LAC AT ICTP

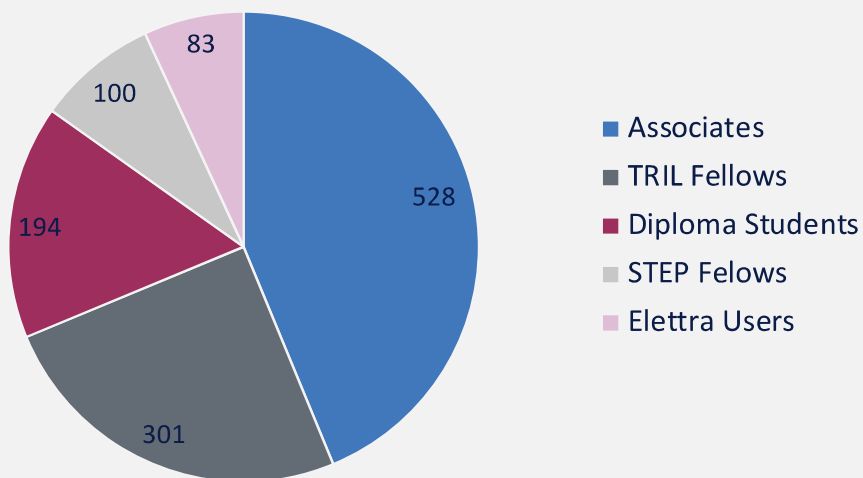
Latin American Visitors at ICTP (1983-2024)



*Data on female visitors available since 2001.
**Number of visitors since 2020 include online participants.

LAC AT ICTP

Latin American participation in ICTP Programmes



LAC AT ICTP

ICTP Prizes & Awards

❖ ICTP Prize

- Enzo Tagliazucchi (Argentina), 2024
- Luis Foa Torres (Argentina), 2018
- Emilio Kropff (Argentina), 2017
- Pablo S. Cornaglia (Argentina), 2014
- Pablo Mininni (Argentina), 2012
- Ado Jorio (Brazil), 2011
- Marcelo Barreiro (Uruguay), 2009
- Bernardo Gabriel Mindlin (Argentina), 2004
- Daniel Dominguez (Argentina), 1999
- Fernando Quevedo (Guatemala), 1998
- Ana Maria Font (Venezuela), 1998
- Elcio Abdalla (Brazil), 1992
- José L. Morán López (Mexico), 1990
- José Nelson Onuchic (Brazil), 1988
- Ricardo Galvão (Brazil), 1984



LAC AT ICTP

ICTP Prizes & Awards

❖ Ramanujan Prize

- Claudio Muñoz (Chile), 2025
- Carolina Araujo (Brazil), 2020
- Eduardo Teixeira (Brazil), 2017
- Miguel Walsh (Argentina), 2014
- Fernando Codá Marques (Brazil), 2012
- Ernesto Lupercio (Mexico), 2009
- Enrique R. Pujals (Argentina/Brazil), 2008
- Jorge Lauret (Argentina), 2007
- Marcelo Viana (Brazil), 2005



LAC AT ICTP

ICTP Prizes & Awards

❖ Dirac Medal

- Marina Huerta (Argentina), 2025
- Horacio Casini (Argentina), 2025
- Miguel Virasoro (Argentina), 2020
- Juan Martin Maldacena (Argentina), 2008



❖ Walter Kohn Prize

- Gabriel Merino (Mexico), 2018



ICTP IN LAC

Scientific Activities Supported by ICTP in Latin America

85+ activities carried out in Latin America since 1985



with more than

3,600
participants



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ICTP & LAC

ICTP-South American Institute for Fundamental Research (SAIFR)

In 2012, ICTP officially opened its regional branch in São Paulo, Brazil, to bring its unique blend of high-quality physics and mathematics education and high-level science meetings closer to scientists in South America.



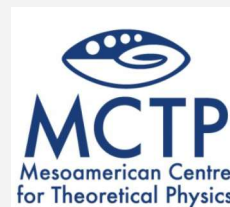
*Opening ceremony of ICTP-SAIFR: Auditorium of IFT-UNESP,
São Paulo, Brazil
6 February 2012*

ICTP & LAC

ICTP Partner Institute in Mexico: Mesoamerican Institute for Sciences (MAIS)

Founded in 2014, as the **Meso American Centre for Theoretical Physics (MCTP)**, from a collaboration between ICTP and the Autonomous University of Chiapas (UNACH), in order to establish a regional headquarters of ICTP in Mexico.

In 2024, UNACH, UNESCO, and ICTP held discussions regarding the establishment of the **Mesoamerican Institute for Sciences (MAIS)**, a UNESCO Category 2 Institute dedicated to strengthening scientific communities in physics, mathematics, energy, and the environment across the Mesoamerica region.



ICTP & LAC

Active Cooperative Agreements signed with Latin American countries



❖ **Brazilian Ministry of Science, Technology and Innovation (MCTI)**

Memorandum of Understanding for strengthening scientific collaboration.

❖ **Brazilian National Council for Scientific and Technological Development (CNPq)**

Memorandum of Understanding for collaboration on ICTP Programmes.



For country specific
information, please
contact the Public
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Thank you!