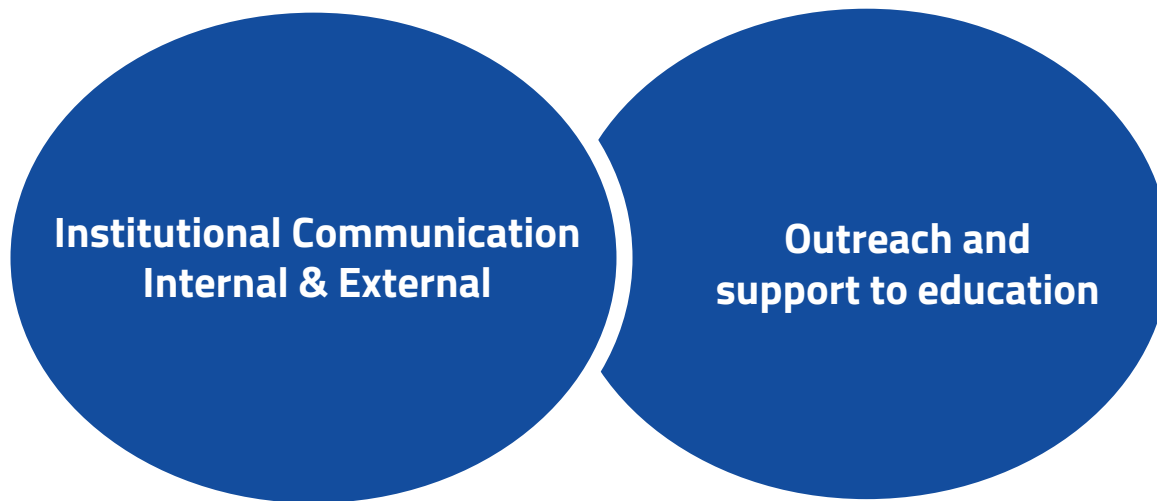


# LIP-ECO: Education, Communication and Outreach

*Highlights  
from 2023*



**Coord: Catarina Espírito Santo**  
Sofia Andringa (since Febr.'24)

**Coord: Pedro Abreu**

*With the participation of all the LIP community in*  
***All LIP nodes***

# Education & Outreach (Pedro Abreu)

## 1. LIP's flagship programme for the school community recovering participation levels

- IPPOG's International Masterclasses
- CERN's Portuguese Language Teachers Programme (Participants from Africa and East-Timor fully supported by "Camões Institute"/Ministry of Foreign Office)
- High-school students internship (Ciência Viva's "Summer in the Science")
- 50+ Outreach talks in schools and school visits to LIP



CERN PTLTP23

w/ support from

Third time with teachers from all PT-Speaking countries at CERN  
(in 15 editions)



# Education & Outreach (Pedro Abreu)

## 2. Development of equipment and tools for Outreach (w/ LIP's infrastructures)

- Spark and Cloud Chambers at Coimbra (and components for the cloud chamber construction kit)
- 3D and Virtual Reality tools at Minho (with Auger MC's)
- EduLab development at Lisboa  
(also in support of group visits to LIP)

Support to 20 “Ciência Viva” Science Clubs in high-schools

Developed Cloud Chamber construction kits for the Clubs



Auger MC's integrated in IMC 2023

# Communication (Pedro Abreu, on behalf of LIP-ECO)

## 2021 – Revision of the Communication Strategy (set up in 2016)

- Main goal: build a solid and wider reputation for LIP
- News audiences: Science community | General (media as vectors)

## 2023 – Highlights

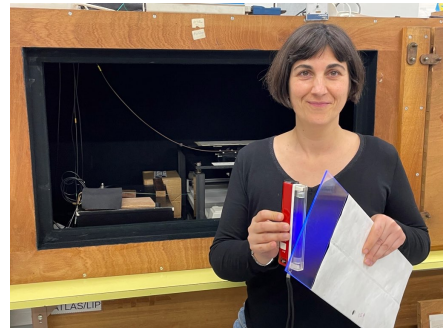
- Larger involvement of scientists in communication (including ERN's)
- LIP PhD Student Matteo Pisano conquered the 3<sup>rd</sup> place in the 1<sup>st</sup> edition of the Ulisboa's competition “PhD in 3 minutes”
- New bulletin, more towards outside LIP

Reedition of Gago's “Manifesto” (with Gradiva)

R-ECFA Meeting + CERN DG in Lisboa, Sept.'24

LIP Open Day, 7.Dec.2024

Advisory Board meeting, Lisboa, 19-20 April 2024



*Rute Pedro/ATLAS in the “90 seconds of Science” programme (“Antena 1” – main PT radio station)*



# Reedition of Gago's "Manifesto"

on May 16<sup>th</sup> (Scientist National Day [would be 75<sup>th</sup> Gago's birthday])



Followed by a debate simultaneously at Lisboa, Coimbra and Braga, connected via Zoom





# R-ECFA + CERN-DG

in Portugal, Sept.14-15, 2023

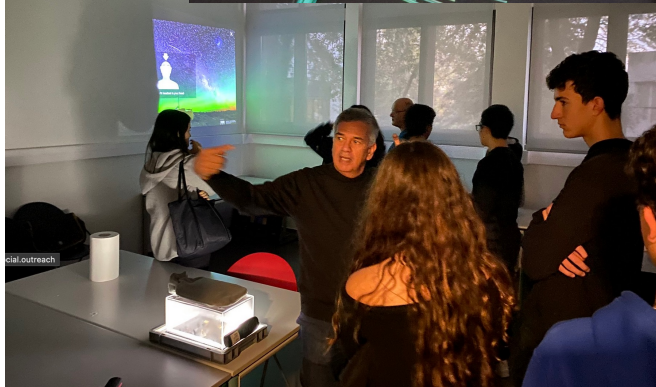
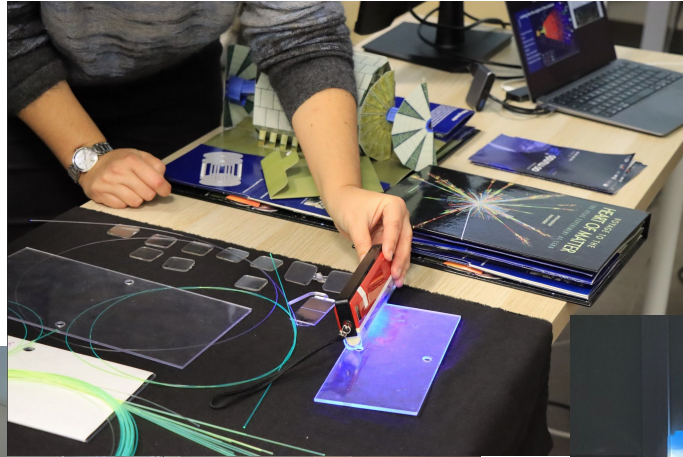


Public Session at The Pavillion of Knowledge



Advisory Board meeting, Lisboa, 19-20 April 2024

# LIP Open Day Dec.7, 2023



Coordinated by  
Catarina Espírito Santo

~200 people visited LIP

~50 LIP scientists involved

very positive feedback!

Advisory Board meeting, Lisboa, 19-20 April 2024