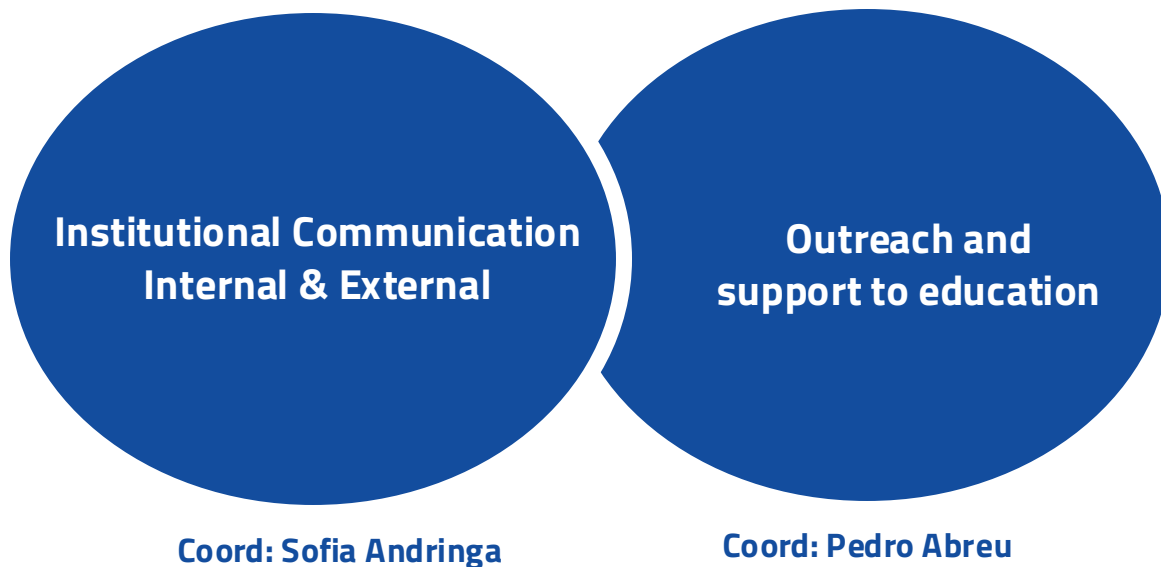


LIP-ECO: Education, Communication and Outreach

*Highlights
from 2024*



*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 again fully supported by “Camões Institute”/Ministry of Foreign Office)
- High-school students' internship
(“Ciência Viva Summer Network”)
- 50+ Outreach talks in schools and school visits to LIP

(*) 4th time with teachers from all PT-Speaking countries at CERN



CERN PTLTP24

w/ support from



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)
- **Small demonstration kits** (circular accelerator, ATLAS Toroidal Magnet model)
- EduLab development at Lisboa
(also in support of group visits and Open Days)



© Henrique Carvalho, @ERN'2024

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

Developed Cloud Chamber construction kits for the Clubs

Advisory Board meeting, Lisboa, 23-24 April 2025

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

2024 – Highlights

- Integration of the Celebration of CERN's 70th Anniversary in our events
- Celebration of the UN's Int'l Day of Women and Girls in Science – “Who are the LIP Women in the ATLAS Experiment at CERN? - a Generational Meeting”



9.05.2024

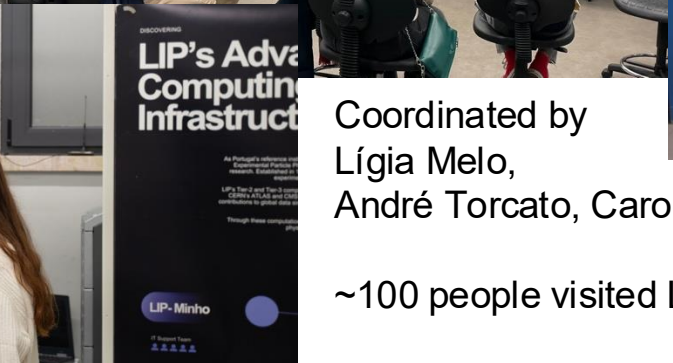
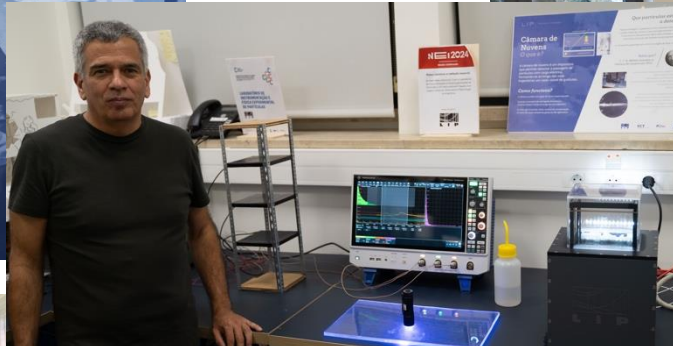
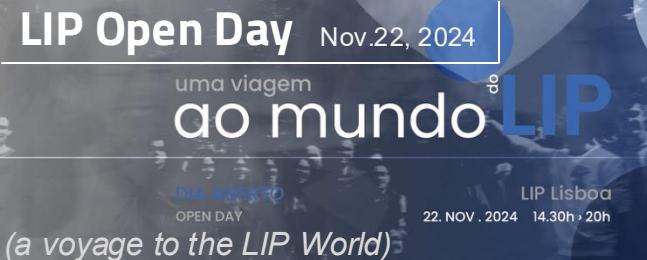


- “LIP into the Future” Anniversary Celebration
- Organization of the Spring'2024 EPPCN Meeting in Lisboa (European Particle Physics Communication Network, created in 2006 as result of the European Strategy for Particle Physics)
- Larger involvement of scientists in ECO Activities (@ERN's, etc)
- LIP Open Day, 22.Nov.2024 (within National Week for Science and Technology)
- 97 news articles published on the website, community on social media reaching 9300 followers



Advisory Board meeting, Lisboa, 23-24 April 2025

a present and a future scientist @ERN's 2024



Coordinated by
Lígia Melo,
André Torcato, Carolina Felgueiras

~100 people visited LIP, ~50 LIP scientists involved
very positive feedback
(avg. rating of 4,6 / 5)!

Advisory Board meeting, Lisboa, 23-24 April 2025

ECO plans for 2025/2026

- Regular activities: International Masterclasses, ✓
Teachers Programmes at CERN,
“Science in the Summer” – internships for high-school students,
celebrations of events (IYQ2025, Talks at Schools,
European Researchers Nights, National S&T Weeks)
- [PT] Input to the European Strategy for Particle Physics Update 2026 ✓
- **Celebration of the PT@CERN 40th Anniversary**
(along 2025)
- Preparation of the LIP 40th Anniversary
(along 2025/2026, special high mark on May 9th, 2026)
- Recruitment/integration of a full-time person to handle LIP Communications

