

LABORATÓRIO DE INSTRUMENTAÇÃO E FÍSICA EXPERIMENTAL DE PARTÍCULAS partículas e tecnologia

OUTREACH @ MINHO

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Hello



I am Henrique Carvalho

I am here to talk about the Outreach activities at LIP-Minho. You can find me at **hcarvalho@lip.pt**



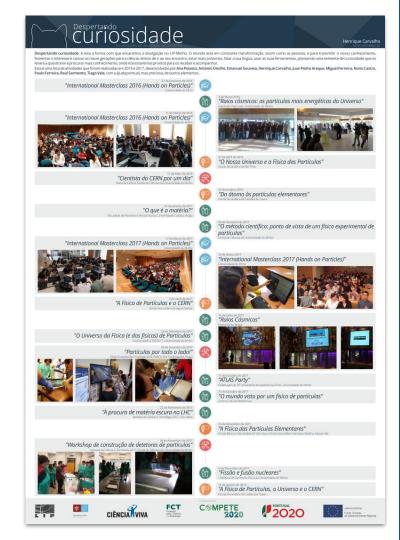
1. Past events

What have we been up to?

Full list of events **@ poster session**

Last couple years we have organized and participated in large range of events.

For a detailed list of the past events, please have a look at the poster presented in the poster session, I'll be around and I'll be glad to talk in detail about how, when and where we have being spreading science





HGHLGHTS

From masterclasses to school lectures, from workshops to real social networks, organized and presented by Ana Peixoto, António Onofre, Emanuel Gouveia, Henrique Carvalho, Juan Pedro Araque, Miguel Ferreira, Nuno Castro, Paulo Ferreira, Raul Sarmento, Tiago Vale, and many other young researchers, these are the highlights:

Masterclasses Porto and Braga

Around 120 students per session in Braga (in 2017 we had two sessions)

Around 80 students each year at Porto

This year 270 students registered for Braga, from which we accepted 240



NEI European Researchers' Night

Stand with interactive screen, spark chamber and cloud chamber





Workshop on "How to build a particle detector", attended by large amount of curious people, from the age of 6 to 60



Public lectures

Bringing science to everyone

Multiple talks and lectures held by the Minho's researchers in all kinds of environments and audience

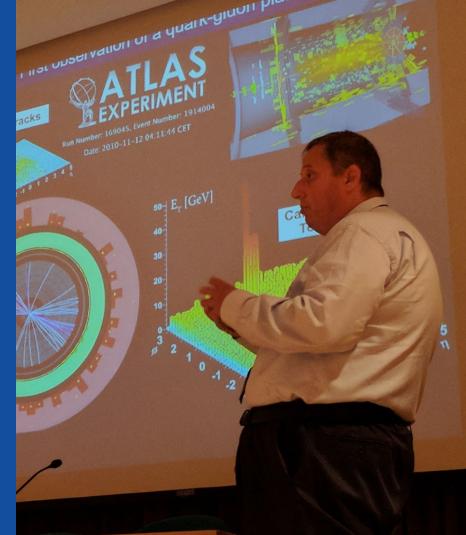


ATLAS 25th anniversary and Amélia's party

In 2017 we celebrated the 25th anniversary of the ATLAS Experiment, and Braga, along with Lisboa and Coimbra, was one of the places were the celebrations were held.

The four decades of Amélia´s career where also acknowledged







2. Developing outreach

How we improved communication?

Connecting to people creating a contacts database

We are always searching for ways to extend the connection between the people interested in science, informing them with the latest news and next events.

For that, we created a database of contacts, but instead of being intrusive and asking contacts directly, we give something for them to remember the experience they had with us, providing their contacts in a natural way, and afterwards being more receptive to the received information.







Touch, explore, learn the interactive way

The emphasis of this communicational approach is put on the interactivity of the presented contents. The panels will be permanently on display at the Braga and Lisbon LIP premises and can also be used in different events and locations.





3. The future

What's in the pipeline?

The path to follow

New technologies

Virtual reality, DIY accelerators, arduinos, sensors, science kits, etc...

Together we are stronger

Tighten collaboration with Minho University and local municipalities Country-wide LIP-ECO

Share our joy

In the end, we just want to convey our passion and create sensations of wonder, promote enriching experiences





Thanks

Any questions?

Don't forget you can find me at **hcarvalho@lip.pt**, poster session, or at the nearest coffee machine