

Postdoctoral position in Artificial Intelligence with the ATLAS experiment at LHC

We are pleased to introduce ALLIES (Artificial intelligence In sustainable dEvelopment goals), an innovative postdoctoral training program. The program is coordinated through the AIHUB Connection, and co-funded by the European Union.

ALLIES is more than just a research opportunity – it's a platform for driving transformative AI research aligned with the Sustainable Development Goals (SDGs).

With a vision to foster interdisciplinary and intersectoral collaboration, ALLIES aims to recruit 17 postdoctoral researchers who will deepen into cutting-edge AI projects. The first call for applications is now open until **June 1st**, offering 9 multidisciplinary positions.

The ATLAS and LHCb groups of [IFIC-Valencia](#) are part of this initiative, contributing to the advancement of AI in particle physics. Our centre participates in ALLIES, offering a two-year postdoctoral fellowship in “Edge computing hardware architectures for AI in scientific applications” together with ITEFI, located in Madrid. Each position corresponds to two CSIC institutes, fostering collaboration and knowledge exchange. In addition, the fellows will enjoy secondment opportunities at industry or international partner organisations.

We are excited to promote our research project as part of ALLIES. Our project, “Edge computing hardware architectures for AI in scientific applications”, aims to develop work methodology to design and train neural networks with the ultimate goal that the inference process is carried out on FPGA devices in environments with high data throughput like the LHC at CERN. We invite researchers to join us and demonstrate their commitment to advancing AI for sustainable development.

Please visit [Allies webpage](#) for applications more information about ALLIES and our specific research project. Let's collaborate and shape the future of AI research for sustainable futures together!

Further information about the ATLAS and LHCb position can be obtained from:

Prof. Luca Fiorini (Luca.Fiorini@cern.ch)

Prof. Arantza Oyanguren (arantza.de.oyanguren.campos@cern.ch)