

# Fête de la Science report

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The "Fête de la Science" is an French outreach initiative at national level. A rich and diverse program of events engage laboratories and universities in the whole France to open to the public and organize educational happenings. The 2015 edition lasted from 7 to 11 of October.

The LPNHE laboratory participate every year to the "Fête de la Science". This year an exposition was installed in our main mechanical hall, the exposition covered all the topics and experiments where LPNHE is involved.

A section of the exposition has been dedicated to ATLAS and various objects from the R&D activities were on display. Among those objects there was an FTK Associative Memory chip (figure 1).

The exposition was open to the general public and free to visit among the other expositions organized by all the laboratories in the Jussieu campus area. A series of guided tours were organized targeting classes from high schools in the area (figure 2).

In particular this year we had a class from the high school "Leonardo da Vinci", the italian school of Paris, exploiting the presence of many italian-speaking researchers at LPNHE to guide the tour, including me.

During the guided tour many facilities of our laboratory were shown to the students. Among the facilities shown there was also our local ATLAS R&D laboratory where FTK has been explained to the students and some electronics has been shown (figure 3).

The students were very interested during the whole visits and it there were many active exchange of questions and answers between students and us, including during the ATLAS R&D / FTK part (figure 4).

This year "Fête da la Science" has been a success and in particular the formula of general exposition + guided tours aimed at high school students has been very successful, receiving a good feedback from both students and teachers.

## Acknowledgements

Special thanks to the whole LPNHE "Fête da la Science" organizing team and in particular to Marco Bomben and Paolo Francavilla who were the main guides during the visit of the "Leonardo da Vinci" high school class.

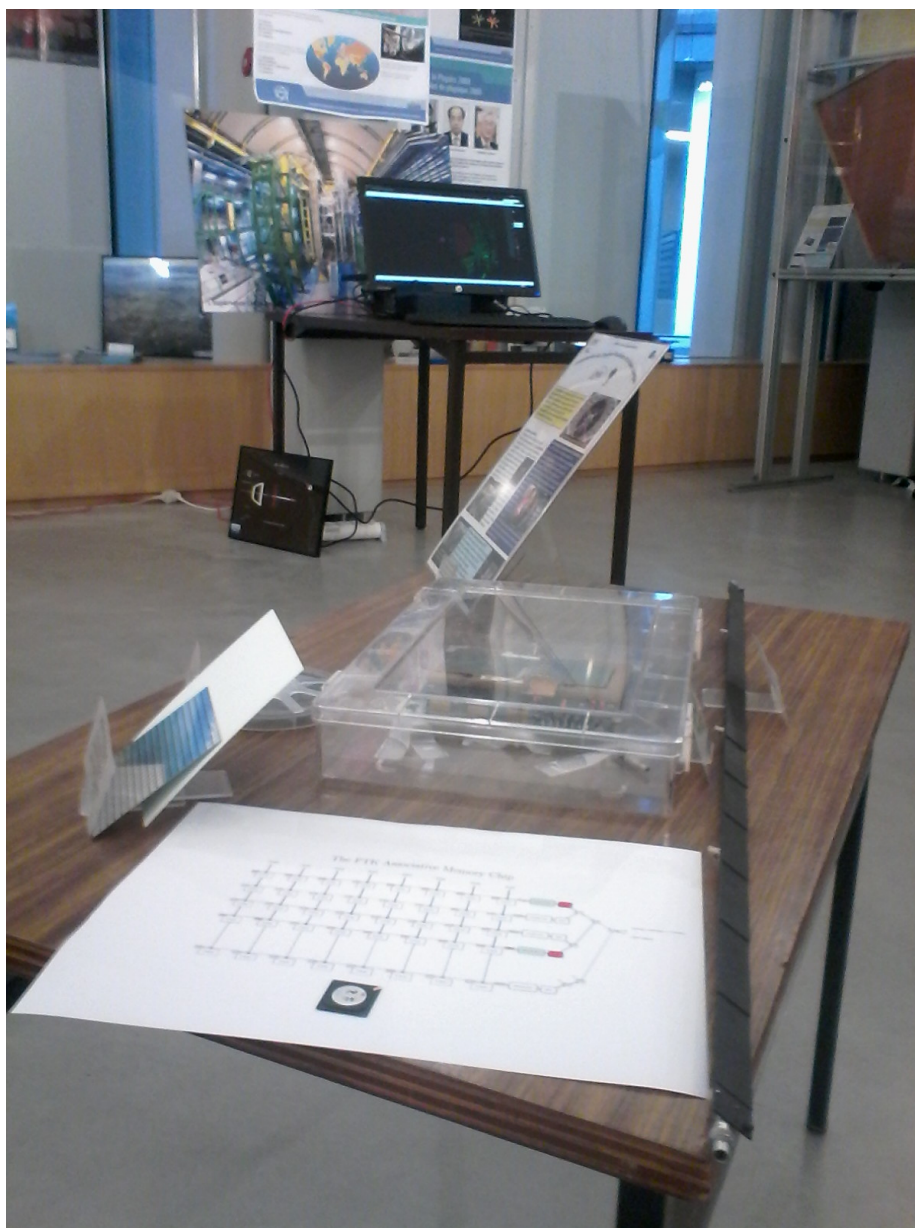


Figure 1: FTK AMchip05 on display in the exposition



Figure 2: Students visiting the exposition

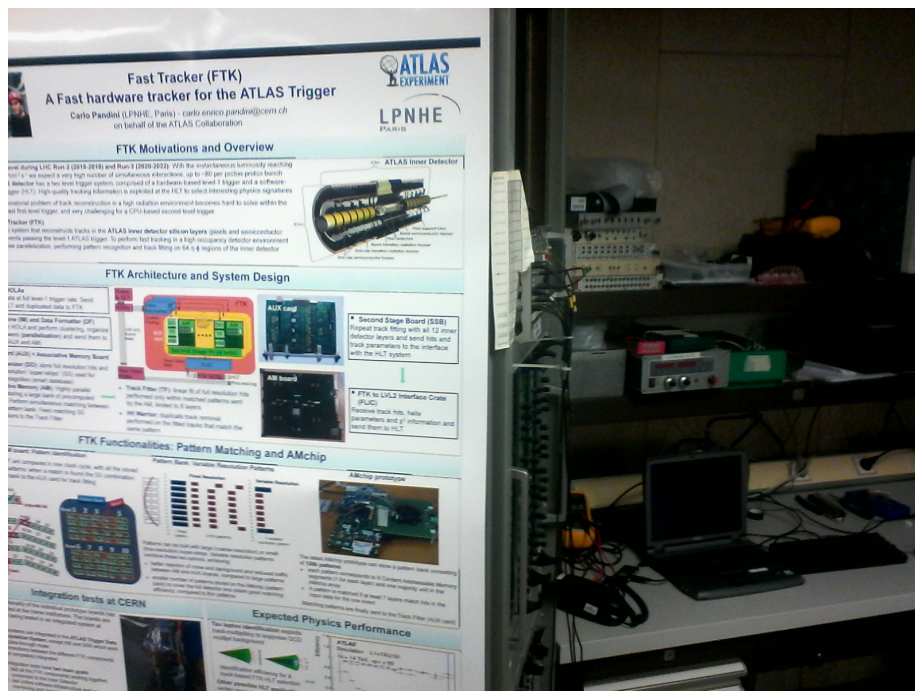


Figure 3: FTK poster in LPNHE ATLAS R&D laboratory

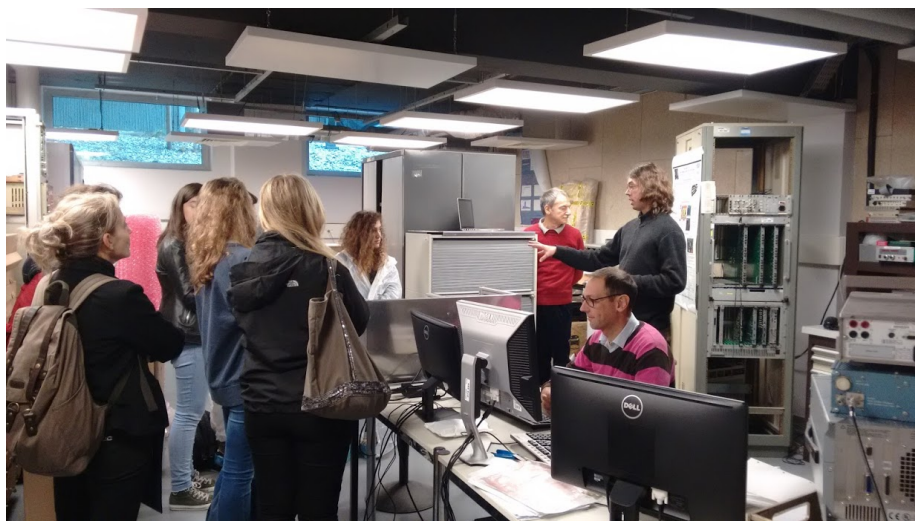


Figure 4: Students engaged in a discussion about FTK and triggering at ATLAS