How did we plan to organize our Open IAPP Days?

This is the description in our Annex 1:

IAPP project open day: the FTK labs will be open to the public to show the racks, crates, boards and chips developed by the collaboration. Teachers (the fellows in particular) in front of posters in the lab will describe the importance of the real time analysis performed on FPGAs (a new type of computing) to make sophisticated decisions in few microseconds, for HEP experiment triggers as well as for other applications outside HEP. The programmable logic power based on real time parallel computing will be described with examples. The importance of "pipelining" and "parallelism" will be described in detail with examples as being the key features of our computing model. Simple CAD stations (Xilinx and Altera systems) will be provided to visitors to develop their own simple logic. Logic examples already done will be provided for people interested only in the implementation inside the chip, not in the logic development. The goal is to let them understand how easy and powerful the use of these tools is.

What we did as a first occasion for the 2013 Open IAPP Day?

The first **Open IAPP day** has been organized in Pisa in the occasion of the "Department congressino". Taking this opportunity, FTK has provided posters and communicated to students, about the importance of the Trigger for difficult discoveries in High Energy Physics, the importance of the new powerful modern electronics.

The photo on the left shows the FTK team, included the Greek seconded researchers, Louisa-Calliope Sotiropoulou and Andreas Sakellariou, and the two UNIPI researchers that has been seconded to Prisma during summer, Marco Piendibene and Simone Donati, after the poster installation and before the poster session.
The foto below shows students and teachers during the poster session

The FTK laboratory has been made available for visits, but we didn't succeed to attract students there, probably the agenda was too crowded. However the visit has been successful during the Workshop Day.

In fact very nice presentations to young Italian students, open also to the generic public, have been provided by the Institute professors on particle physics, the Universe, the sky and the Stars, the theory.
Prof. Mauro Dell'Orso presented the teaching organization of the Physics Department explaining the difficulties of this field to students attending the courses.

Here is reported the program (unfortunately in Italian) of the Congressino:

Congressino di Dipartimento

Mercoledì 17 aprile 2013, Aula Magna Edificio E, Area Pontecorvo

9:00 Benvenuto

9:30 L'offerta didattica all'Ateneo del Dipartimento di Fisica – Mauro Dell'Orso

Interazioni Fondamentali

10:00 Il Bosone di Higgs – Paolo Azzurri

10:30 Il Cielo dei Raggi Gamma – Luca Baldini

11:00 Caffè

Sessione Poster

11:45 Presentazione dei poster

12:15 Sessione poster

Teoria

14:30 L'Higgs pesa 126 GeV. E ora? – Alessandro Strumia

14:50 Quark, Gluoni e Supercalcolo – Massimo D'Elia

15:10 Stelle di Neutroni: laboratori per la materia ad altissime densità – Ignazio Bombaci

Astrofisica

15:30 Dalle stelle binarie all'Universo in espansione – Pier Giorgio Prada Moroni

We have in our plans the idea of extending the 2013 Open IAPP day in Pisa in September during the "Night of the research". FPGA techniques will be further disseminated to the generic public in that occasion.
We will coordinate our efforts with the CAEN partner for that occasion.