FTK Kick-off Workshop at UniPisa (D8.1) & AM system Training (D8.2)

March 11-14 2013

The two deliverables are associated in a single document, since the FTK Workshop and the UNIPI training had very similar goals and were executed with interleaved presentations in the same days with the same participants.

**Workshop** Goal (Annex 1): to provide FTK knowledge to the new FTK collaborators.

 **“The AM system” Training** Goal (Annex 1): at the beginning of the first year, as the opening event of the network, a set of seminars will be given on

(a) global architecture and data rate problems,

(b) specific logic and existing boards analysis,

(c) AM chip status and future evolution,

(d) existing tests, laboratory tools and test stands,

(e) knowledge of the collaboration

(f) career opportunities and importance of managerial skills inside the FTK project.

This is also a nice occasion to meet all together at the very beginning (kickoff workshop followed by a more detailed kickoff training).

**HOW IT HAS BEEN ORGANIZED:**

Expected Participants:

C. Gentsos, K. Kordas, C.L. Sotiropoulou – AUTH (to be seconded researchers)

S. Nikolaidis, C. Petridou - AUTH

P. Garosi, A. Iovene, S. Petrucci – CAEN

B. Magnin – CERN (not present, she sent slides to be projected at the meeting)

G. Calderini, F. Crescioli – CNRS (to be seconded researchers)

P. Kalaitzidis, K. Mermikli, A. Sakellariou – PRIELE (to be seconded researchers)

S. Donati, M. Piendibene – UNIPI (to be seconded researchers)

R. Cipriani, S. Citraro, M.Dell’Orso, P. Luciano, M. Padrone – UNIPI

L. Pacillo – REA (not present, she sent slides to be projected at the meeting)

**Other FTK personnel giving presentations or attending laboratory sessions:**

A. Annovi, M. Beretta, G. Volpi – INFN Laboratori Nazionali di Frascati (teleconference)

A. Stabile – INFN Milano

A. Lanza – INFN Pavia (teleconference)

R. Beccherle, P. Giannetti – INFN Pisa

D. Magalotti – INFN Perugia

F. Lasagni Manghi – University of Bologna

**THE AGENDA**

The agenda of the event is available here: <http://agenda.infn.it/conferenceDisplay.py?confId=5960>

On **Tuesday March 12**, during the morning we had a general opening talk for the UNIPI training:

“The AM system (UNIPI training-general part): (a) global architecture (b) existing boards (c) AMchip status and evolution” 45' by M. Piendibene

The following talks in the morning were part of the FTK workshop, refreshing for the new partners entering FTK the plan of the project and the expected transfer of knowledge:

“Summary of IAPP scientific activities into 4 years” 45' by P. Giannetti

“Organization of first year Work-changes to the GanttChart” 45' by S. Donati

“Proposal & discussion for enlarging the goals of the application - use of research funds” 45'

by P. Giannetti

In the afternoon we had the Kick-off meeting and it was a very nice occasion to know each other and to discuss common problems.

On **Wednesday March 13**, a long set of presentations have been given by FTK personnel to the new collaborators to complete the seminar program (slides are available at the web site above) of the UNIPI training, with these goals:

1. Let know the FTK status and history to the new participants.
2. Let the future seconded researchers understand in more detail the work to be done in the future, to choose the best specific activity for them.
3. Let the future seconded researchers know the FTK researchers and their personal careers and responsabilities, to demonstrate how much the FTK project can offer.

On **Thursday March 14** the training has continued in the FTK laboratories, where it has been possible to see the tests operating in the VME crates with the last prototypes.

A visit to the large INFN “clean rooms” where a large part of the CMS silicon tracking detector was built, was also organized.

Social occasions were the lunches, all made in the Institute with an external catering to allow some free time all together, coffee breaks and evening snakes at the end of the sessions like “Vin Santo & Cantuccini” on Monday, and “Wine & Cheese” on Thursday.

It was a nice opportunity to know each other and to give the impression that FTK is really a project that offers a lot of opportunities. We have only a negative remark: the agenda was really too crowded and the percentage of transferred information was low. It would be better to alternate seminars with questions and discussions, even If the amount of treated arguments would have been lower. We propose a more relaxed style for the next trainings.