

XIX Presential Meeting of the Spanish ATLAS TIER-2



STATUS REPORT FPA2013-47424-C3-1,2,3-R

Presented by :
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IFIC

UAM

17-18 OCTOBER 2016



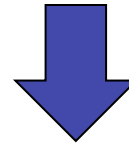
OVERVIEW:

- 1.- Report of Achievement of objectives**
- 2.- Evolution of the project in the last 12 months (we are in T12): (Nov'15-Oct'16)**
- 3.- Last months of project**
- 4.- Conclusions**

1.- Report on achievements of objectives

- **Elaboration of the Survey:**

- Technical details
- Infrastructure Performance
- Achievements of objectives



- **O1: Federated XrootD+ Cloud Computing:**

- XrootD: 100% reached: deployed and in usage
- Cloud Computing: **not started yet due to insufficient project funding; probably this part will not be delivered by the end of the project**

- **O2: Distributed Analysis-Contribution to the official ATLAS tasks: Continuous task, estimation end project: 100% reached**

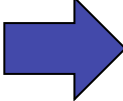
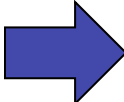
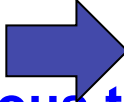


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- **O3: Tier-2 Infrastructure/ System Administrator: Continuous task, estimation end project: 100% reached**



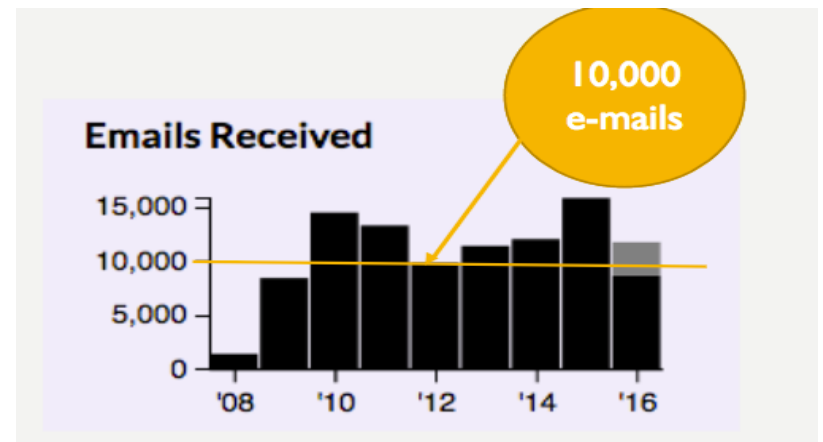
*Status Report of T2 sites,
Slides from Julio*

- **O4: Cloud Regional Operation: Continuous task, estimation end of project: 100% reached**
 *Status Report of T2 sites*
- **O7: Expert System: UAM group is progressing with this objective**
- **O8 User Support: Continuous task, estimation end project: 100% reached**
- **O5: Tier-3 Support :Continuous task, estimation end project: 100% reached**
 *One slide in this presentation*
- **O9: Event Index : 75% reached; a new version of producer and consumer have been developed**
 *In Activity Report*
- **O6: Project Management: Continuous task, estimation end project: 100% reached**

O2: DAST

- DAST experts contribute to provide support to the physicists and to give solutions in a very short time
 - Control on progress of the jobs sent by physicists
 - Recovery of final results
 - Software availability
 - Job submission
 - ...
- Farida is DAST coordinator of the EU timezone (she sent me this report)
- In period 2011-2016, more than 10000 mails have been received/year
 - 60% solved by the DAST team
 - 40% oriented-subject experts

From 1,271 users, we have exchanged 117,810 email since Oct. 2008 (more than 10,000 a year)



Twiki – User Support-T3

- Victoria Sánchez: Ph D thesis defended in May 2016
- To help in the Summer IFIC course (July 2016)
- To update the twiki pages of User Support (2015-2016)

Grid Computing for ATLAS

Introducción

Esta página contiene enlaces a las páginas wiki relacionadas con las actividades de computing en el marco de los proyectos ATLAS y EGEE

Enlaces útiles:

Atlas Data Processing @ IFIC	Atlas Data Processing using the IFIC and Grid Resources
EGEE	Actividades del EGEE
GridHowTo	Como usar el GRID
AtlasDataAnalysisTutorial	Tutorial sobre análisis de datos en ATLAS
TipsAndTricks	Recetas útiles para usuarios

EXTENSION : Granted => IFIC has a 6 months extension in 2017 due to:

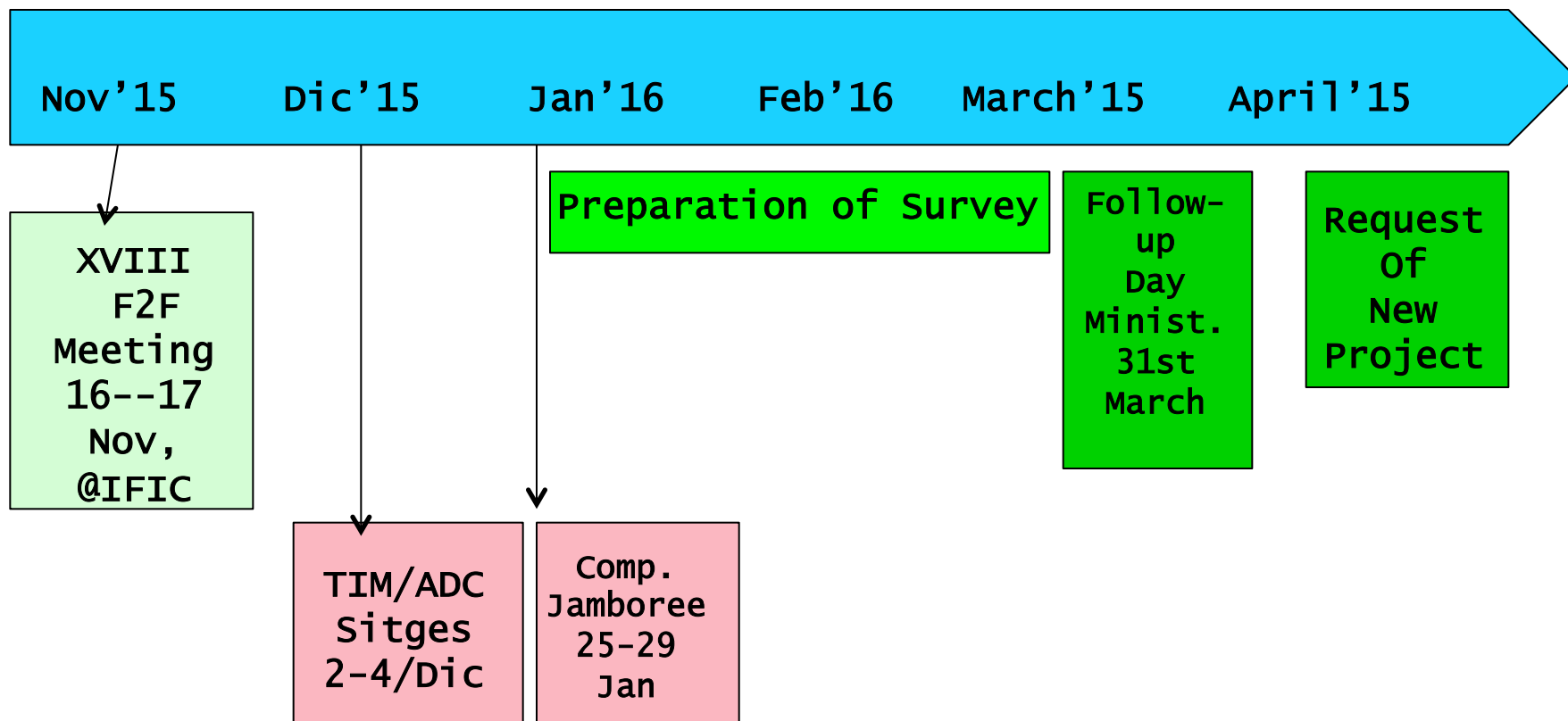
- To allow a transition with the new project (it can be a gap)
- To acquire equipment for 2017 pledges (to be delivered in April 2017)

- PLEDGES:

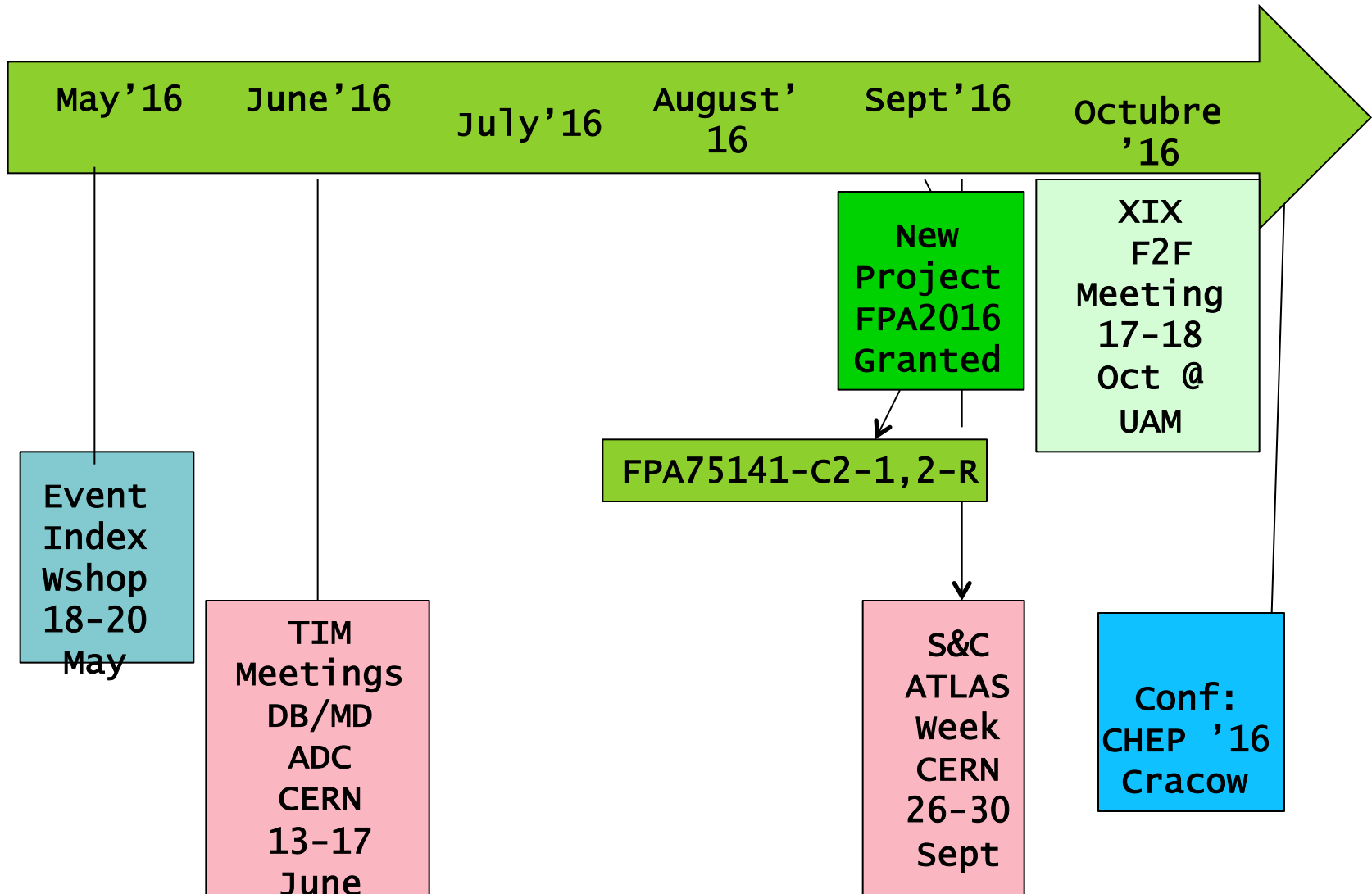
- REBUS not updated, wait for Scrutiny Group -> C-RRB
- Years: 2017-2018
- Increasing luminosity -> more resources needed

- NEW

2- Evolution of the project in the last 12 months (we are in T12):



TimeLine



3.- Last months of project

- November'16: Event Index Workshop in Genoa
- Pending Meeting with FPA manager (Gestor) to review the situation after the grant of GRID projects
- 2017:
 - Attendance to the S&C weeks
 - Software & Computing ATLAS week: 12-16 June
 - TIM meetings
 - Conferences/workshops: presentation of results

4.- CONCLUSIONS

- Sub-Projects have been evaluated in the Follow-Up Day and this evaluations have been the input for the grant of the new projects.
 - Comments, discussion
- Different extension periods:
 - UAM : no extensión, end: 31st December 2016
 - IFAE: 1 year ; 31st December 2017
 - IFIC: 6 months; 30th June 2017
- During 2017, LHC Computing – Spain will be reviewed
- Remaining tasks to finish and link with next project (FPA2016)

BACKUP