

IAPP General Assembly

- (1) Deliverable & Milestones –
2015 summary & next steps
- (2) Papers
- (3) Outreach activities, trainings, schools
- (4) recruitments – secondments / Declaration of Conformities
- (5) Next GA, EB and trainings

2015 Program - Deliverables

The Deliverables in the first half of the year 2015 are:

Not accepted

D.3.1. FTK demonstrator commissioned	Submission to DEBS /TNS	Pub PU M22 paper IEEE NSS/TNS	Pac
D.6.2. Standard characterization	DONE	R RE M24	Calderini
D.4.4. Trigger table for demonstrator with performance prediction https://cds.cern.ch/record/1755840/files/ATL-DAQ-INT-2014-005.pdf		Pub PU M25	ATLAS Public Note
D.5.1. Infrastructure at CAEN for Image Processing	DONE	R RE M26	Calliope MARCH
D.4.5 SLP1 architecture simulation	DONE ? NSS PROCEED. MAY-June	Pub PU M28 - Paper for	Christos the
D.5.2. Software & firmware ready for training and image processing		R RE M30	Calliope JULY To be DONE

In yellow are signed the person in charge of these documents.

The Deliverables in the second half of the year 2015 are:

D.1.2. 1 st FTK production assembled at PRIELE	To be DONE – not sure before February	R RE M32	September
D.3.2. FTK first production commissioned	DONE/prototype	Pub PU M34 conference	IEEE Saverio
D.5.3. Performances of natural still image processing	Vienna proc To be done	Pub PU M34 conference	Pierluigi/ Calliope

2016 Program - Deliverables

TWO more Deliverables before February

D.6.3.	Optimized power supplies and their characterization	Pub	PU	Calderini	M34	Nov.
D.1.3.	SLP1 prototype constructed at PRIELE TNS?	Pub	PU	Christos	M36	Jan.
D.4.6.	SLP1 detailed simulation Internal document	R	RE	Christos	M38	Mar.
D.5.4.	Results of tests on movie processing 3-d reconstruction?	Pub	PU	Calliope	M40	May
D.4.7.	Test Vectors for the SLP1 based FTK Internal document	R	RE	Christos	M42	July
D.1.4.	2 nd FTK production assembled at PRIELE	R	RE	Panagiotis	M42	July
D.3.3.	FTK second production commissioned NSS - 2016	Pub	PU	Virginia?	M46	Nov.
D.2.6	SLP1 fully integrated TNS?	Pub	PU	Christos	M48	Jan.
D.5.5.	Results of tests on medical image processing NSS - 2016	Pub	PU	Calliope	M48	Jan.

2015 Program - Milestones

- **M.4.2.** Trigger_performance_ok **UniPisa M26** Predicted trigger performances OK
 - **M.4.3.** SLP1 architecture review **UniPisa M30** Approval of SLP1 architecture in Atlas – **IMPOSSIBLE**
 - **M.1.3.** 1° production ok at Priele **PRIELE M32** 1° production SLP2 validated at PRIELE - **DELAYED**
 - **M.1.4.** SLP1 prototype ok at Priele **PRIELE M36** SLP1 prototype validated at PRIELE OK
 - **M.5.1.** HW still-image processor ok **UniPisa M34** HW still-image processor runs flawlessly OK?
 - **M.3.2.** 1° production ok at Cern **CERN M36** 1° production runs flawlessly in Atlas - **DELAYED**
 - **M.6.1.** CAEN PS Atlas review **CNRS M32** CAEN power supply Atlas review - **??**
-

M.5.2.	Natural movies processed by AM	UniPisa MAY	M40	AM filtering of natural movies ok
M.5.3.	Medical images for AM	UniPisa JULY	M42	Procurement of medical image data
M.1.5.	2 nd production ok at Priele	PRIELE JULY	M42	2 nd production validated at PRIELE
M.3.3.	2 nd production ok at Cern	CERN JAN	M48	2 nd production runs flawlessly in Atlas
M.2.5.	SLP1 ok at Caen	CAEN JAN	M48	SLP1-based FTK running flawlessly

Recent Papers

- **Highly Parallelized Pattern Matching Execution for Event Real-Time Reconstruction** -- S. Citraro, N. Biesuz, P. Giannetti, P. Luciano, H. Nasimi, M. Piendibene, C.-L. Sotiropoulou, Member, IEEE and G. Volpi -- **submitted to TNS**
- **Fast Tracker for Hadron Collider Experiments** - FP7-PEOPLE-2012-IAPP: Grant Agreement Number 324318 - FTK-IAPP Consortium - **submitted to DATE**
- **Highly Parallelized Pattern Matching Execution for the ATLAS Experiment** all the collaborators that worked on the AM boards (HW-SW) — **to be submitted to ATLAS & TNS after**

Please Simone can you put the pdf here ?

<http://ftk-iapp.physics.auth.gr/Collaboration/Docs/Pub-Doc/papers.html>

OUTREACH-TOK MILESTONES & Deliverables

M.7.1.-M.7.3.	Open Days results verification	AUTH	M8, M20, M32 Sept.
M.7.4. –M.7.6.	WorkS. days results verification	AUTH	M6, M18, M30 JULY
M.7.7. –M.7.9.	Summer schools results	AUTH	M7, M19, M31 August

Kostas/Paola/Francesco

D.7.1. IAPP project open days **UNIPI/LPNHE/AUTH** R PU M7, M19, **M31**, M43 **August**

~~D.7.2. Workshop days (for medical imag people) R **CERN**~~ PU M5, M17, **M29**, M41 **June**

D.7.3. Summer school weeks (**AUTH in lab**) R **Kostas** PU M6, M18, **M30**, M42 **July**

D.7.4 D.8.3 World wide web site for dissemination R PU M6, M18, **M30**, M48 **July**

Status of Web site Kostas/Paola/Simone

D.8.1. FTK Workshops (**@LPNHE**) **Francesco** R RE **M1, M13, M36**, M46 **March**

D.8.2. Trainings (**@LPNHE. Now, last is CERN**) R **Francesco** RE **M1, M5, M9, M19, M26**, M47

SOFT TRAININGS:

Intellectual Property <https://www.iprhelphdesk.eu/webinars>

ETHICS - MEDICAL IMAGING **Paola**

SCIENTIFIC ENGLISH **Paola**

GENDER ISSUES → **next year during Master Class**

MATHEMATICA **Mauro**

CAD ALTIUM **Andreas**

**FTK session at Hipeak
CSW in Milan September**

IPR - WEBINARS AT EU

- **25 March 2015**
- [Technology Transfer](#)
- **15 April 2015**
- [IP Commercialisation and Licensing](#)
- **05 May 2015**
- [IP Management in H2020 - with a special focus on MSCA](#)
- **27 May 2015**
- [Impact and Innovation in H2020](#)
- **17 June 2015**
- [IP in EU funded projects / Horizon 2020](#)
- **08 July 2015**
- [Maximizing the impact of H2020 projects](#)

Seminar on WIPO Services and Initiatives with the Italian Patent and Trademarks Office (UIBM) - Torino 21.04.2015

OUTREACH - FTK workshops - Trainings SCHEDULE

[illegible]

ALL DONE IN PISA first year

AUTH

Last March
at LPNHE!

School In AUTH

NEXT YEAR
Training
at CERN!

**FTK Workshop
at CERN
Beginning
of Feb
Training also?**

FTK session
@ Hipeak CSW in Milan

Recruitment – selection at CERN

Application closed on **March 23**

GA has to prepare and approve the short list for the CERN recruitment (applications distributed to all the GA members)

We need to choose the selection committee that will do the interviews

- **Chiara Roda** (gender officer) , xxxx, xxxx

Proposal: **Betty Magnin** for CERN - **Mauro Dell'Orso** as Project coordinator

I propose that interviews are open to other GA members & interested parts, if they wants as: A. Annovi (FTK P.L.), P. Giannetti (FTK T.C.), other Scientific coordinators in IAPP (Kostas, Calderini, Crescioli..)

GA and EB have to approve the selection

Candidates

- COMANDE_Francesco **
- DJELLOUL_Slimani
- GRECO_Virginia **
- KOLODZIEJCZYK_Bartlomiej *
- LLOBERAS_VALLS_Joaquim
- SARHAN_Abdulla
- VOLPI_Guido **not eligible**

Secondments/Recruitments

[Hosting institution] [Recruiting institution] [Country] [Comm. sector Y/N]	[Sending institution] [Country] [Comm. sector Y/N]	Active in WP	Type	Year 3											
				1 25	2 26	3 27	4 28	5 29	6 30	7 31	8 32	9 33	10 34	11 35	12 36
[PRIELE], [Greece], [Y]	[UniPisa], [N] Piendibene	1	MER1						3				4		
[CAEN], [Italy], [Y]	[UniPisa], M. Piendibene	2	MER1	9	10	11	12								13
[PRIELE], [Greece], [Y]	[UniPisa], S. Donati	1	MER2												
[PRIELE], [Greece], [Y]	[AUTH]C. Gentsos	1	ER3		1	2	3			4	5	6			
[PRIELE], [Greece], [Y]	[AUTH], C.L. Sotiropoulou	1	ER4--> ER19												
[PRIELE], [Greece], [Y]	[AUTH] new PHD student available	1	ER19 ->ESR4												
[UniPisa], [Italy], [N]	[PRIELE], Dimas	1	ER5												
[AUTH], [Greece], [N]	[PRIELE], Dimas	1	ER5	4											
[UniPisa], [Italy], [N]	[PRIELE], Sakellariou	1	ER6		5	6									
[AUTH], [Greece], [N]	[PRIELE], Sakellariou	1	ER6										7	8	
[AUTH], [Greece], [N]	[PRIELE], P. Kalaitzidis	1	ER7							1	2				
[AUTH], [Italy], [N]	[PRIELE], Mermikli	1	ESR8												
[CERN], [Switzerl.], [N]	[PRIELE], Mermikli	3	ESR8					3							
[AUTH], [Greece], [N]	Naoki Kimura	1,3,4	ER9	9	10	11	12	13	14	15	16	17	18	19	20
[CERN], [Switzerl.], [N]	Application open now	1,3	ER10								1	2	3	4	5
[CAEN], [Italy], [Y]	[AUTH], Kordas	2	MER11												
[CAEN], [Italy], [Y]	[AUTH], Sampsonidis	2, 4	MER12												
[CAEN], [Italy], [Y]	[AUTH], Gentsos	2, 4	ESR3												
[CAEN], [Italy], [Y]	[AUTH], Sotiropoulou	2	ER19												
[CAEN], [Italy], [Y]	[CNRS], Crescioli	2	ER14						5		6				
[CERN], [Switzerl.], [N]	[CAEN], Roberto Jovene	3	MER14						1	2					
[CERN], [Switzerl.], [N]	[Prisma], P. Kalaitzidis	3	ER7												
[UniPisa], [Italy], [N]	Guido Volpi	4	ER15												
[UniPisa], [Italy], [N]	Sotiropoulou	5	ER16	2	3	4	5	6	7	8	9	10	11	12	13
[CAEN], [Italy], [Y]	[CNRS], Calderini	6	MER17							3	4				
[CNRS], [France], [N]	Roberto Beccherle	6,2	MER18	11	12										

Prisma:

1. Marco **July**
2. Christos **Aug-Oct**

AUTH:

1. Sakellariou **Nov-Dic**
2. Mermikli **Nov-Dic**

CAEN:

1. Christos **July**
2. Francesco **July-Sept**
3. Giovanni **August-Sept**
4. Akis **Nov-Feb**

CERN:

1. Mermikli **Jun-July ok**
2. Kalaitzidis **July-Aug ok**
3. Recruitment: **V. Greco**
4. ~~Jovene~~

Other 2 months
to Kalaitzidis at
CERN in 2016

Declaration on Conformity

Prisma:

1. Marco **July** missing
2. Christos **Aug-Oct** missing

AUTH:

1. Sakellariou **Nov-Dic** missing
2. Mermikli **Nov-Dic** missing

CAEN:

1. Christos **July** missing
2. Francesco **July-Sept** missing
3. Giovanni **August-Sept** missing
4. Akis **Nov-Feb** missing

CERN:

1. Mermikli **Jun-July** ok
2. Kalaitzidis **July-Aug** ok
3. Recruitment: **V. Greco** missing

NEXT EB, GA meetings proposal

- Today-tomorrow meeting are the Third GA, EB of the year.
- Next EB can be in February at CERN. I propose it will be in coincidence with CERN trainings and FTK workshop.

Do you agree?

CONCLUSIONS: also the third year is ok

Let's see nice results in the next talks

Good results even all of
us we are under
pressure because of
FTK schedule!



Nice group!
Nice collaboration

