

*This started as a one slide presentation: Messages from Brussels and finance info*

*But .... due to popular demand... it now includes*

*Project Structure*

*Web pages*

*Admin Guidelines*

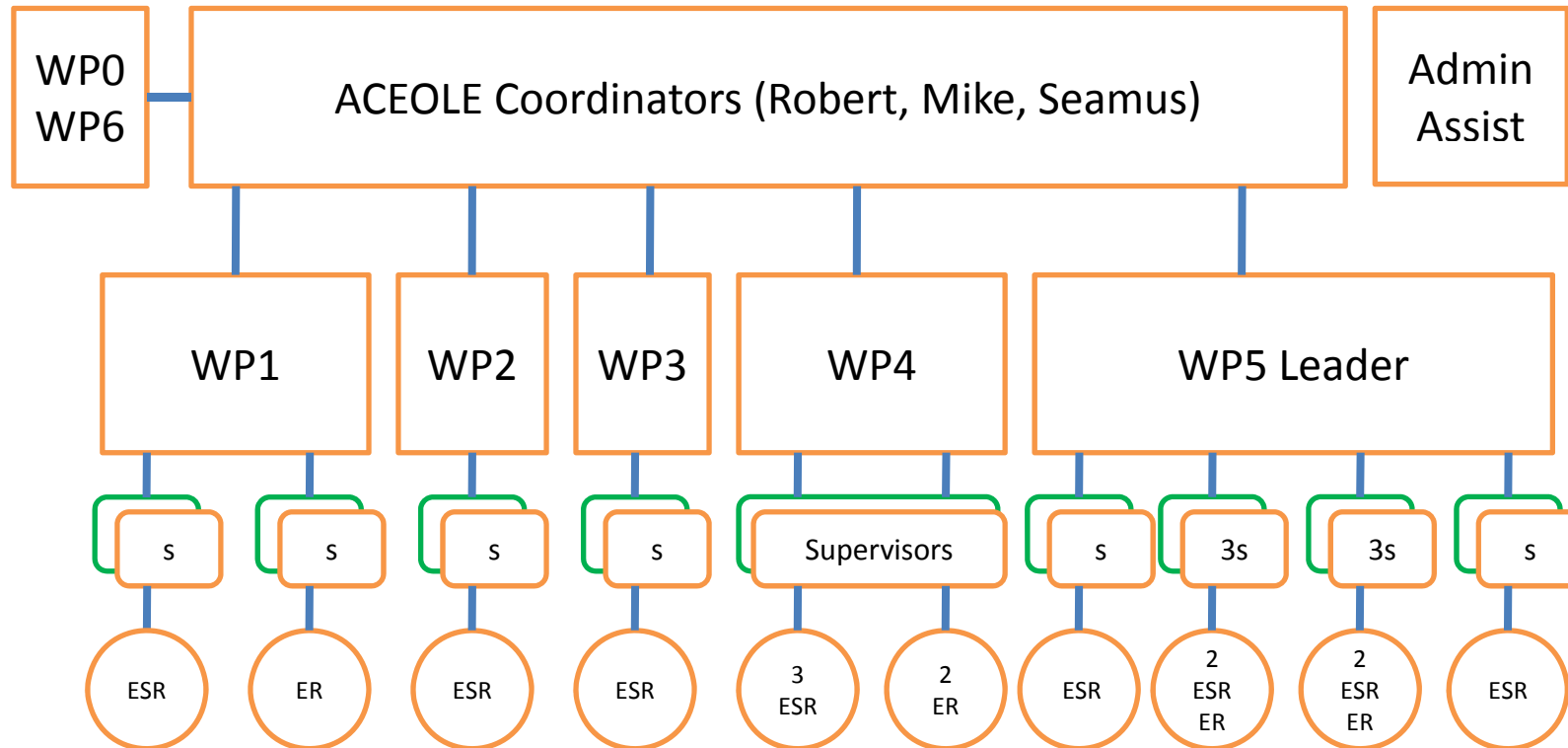
*Deliverables*

*....*

*And makes it clear that Web pages are not enough;  
we should hold regular meetings to inform you of progress*



## Reminder of Project Structure (from Kick Off Meeting)



 Secondment

Home - ACEOLE: A Marie Curie ITN Project - Windows Internet Explorer

https://espace.cern.ch/Marie-Curie-ACEOLE/default.aspx

File Edit View Favorites Tools Help

Home - ACEOLE: A Marie Curie ITN Pro...

ACEOLE: A Marie Curie ITN Project

Welcome Robert McLaren

ACEOLE: A Marie Curie ITN Project

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## Welcome to ACEOLE

### Data Acquisition, Electronics, and Optoelectronics for LHC Experiments

The EU-funded 7th Framework ([people](#)) Programme has two main strategic objectives; to strengthen the scientific and technological base of European industry and to encourage its international competitiveness, while promoting research that supports EU policies.

The ACEOLE project is a mono-site Initial Training Network (ITN) with [CERN](#) as main host institution, working closely with associated partners. Together we will offer research training in several [work package themes](#) in the fields of advanced microelectronics, optoelectronics, networking and real-time data processing technologies in the world's state-of-the-art particle detector systems at the Large Hadron Collider (LHC), and a future upgraded Super-LHC (SLHC).

Training is high priority in the ITNs. Researchers are expected to attend conferences, workshops and follow CERN courses.

Students interested in working on this project should check out the [job opportunities](#).

## Latest News

**Six Month Meeting** 05/02/2009 10:24 AM  
by Robert McLaren  
The second ACEOLE meeting will take place on April 2nd. For more information, look under the "Meetings" Tab.

**International Computing Conference receives support from ACEOLE** 03/02/2009 11:08 AM  
by Robert McLaren  
ACEOLE will fund a limited number of bursaries for promising young researchers wishing to attend the 17<sup>th</sup> International Conference on Computing in High Energy and Nuclear Physics. For more details see <http://www.particle.cz/conferences/chep2009>

**Second round of posts in ACEOLE** 30/10/2008 02:59 PM  
by Robert McLaren  
Interested in [applying](#) for training in the ACEOLE project?

☐ Add new announcement

## Public FAQs

Subject

I see the homepage but can't sign in

Which browsers are recommended?

I'm registered as a ACEOLE user, but I can only see the Public documents

How can I access the ACEOLE site from outside CERN ??

Local intranet | Protected Mode: Off | 100%

2 Yaho... 3 Micr... Microsoft... 2 Wind... 2 Micr... Microsoft... Home - A... 16:30

Internal Documents - Windows Internet Explorer

https://espace.cern.ch/Marie-Curie-ACEOLE/Shared%20Documents/Forms/AllItems.aspx

File Edit View Favorites Tools Help

Internal Documents

ACEOLE: A Marie Curie ITN Project

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New Upload Actions Settings

View: All Documents

Type	Name	Modified	Modified By
	Administrative Info and Procedures	22/10/2008 11:20 AM	Robert McLaren
	Grant Negotiation Phase	19/03/2008 11:10 AM	Robert McLaren
	Job descriptions	18/03/2008 10:11 AM	Robert McLaren
	Notes from courses	28/04/2008 03:13 PM	Robert McLaren
	Proposal phase	19/03/2008 11:11 AM	Robert McLaren
	Recruitment	13/06/2008 10:59 AM	Robert McLaren
	Reports, presentations etc Ex. Filename = visit to Force10, (author's initials), (date)	12/01/2009 03:21 PM	Robert McLaren
	Training courses offered	03/09/2008 01:58 PM	Robert McLaren
	WP0 - ITN management People Time and Money	12/08/2008 03:26 PM	Seamus Hegarty

https://espace.cern.ch/Marie-Curie-ACEOLE/Lists/Related%20Websites/AllItems.aspx

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## Administrative Procedures

Aim of these procedures: to make sure the CERN managers are informed of activities, make sure information flows.



- ❖ Selection of MC Researchers
- ❖ MC Researchers; what to do upon arrival
- ❖ Travel
  - Researchers
  - Supervisors or Work Package Leaders (S/WPL)
  - Visitors (Visiting Scientists and Associated Partners)
- ❖ Career Development Plan (CDP)
- ❖ Training

Procedures at ACEOLE: A Marie Curie ITN Project > Internal Documents  
> Administrative Info and Procedures

## Travel guidelines

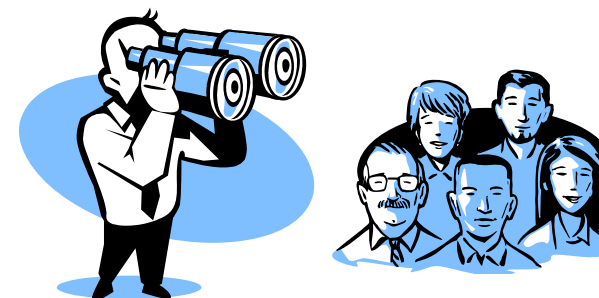


### Example Researchers:

- ❖ Researcher emails travel request to Work Package Leader (WPL) - *this should include one paragraph outlining the objective of the travel*
- ❖ WPL emails ok; copy to Evelyne Dho, ACEOLE Coordinators and Group Leader
- ❖ Researcher contacts Evelyne Dho
- ❖ Researcher/PH agree on payment of real costs or per diem
- ❖ HR signs - *Advance payment of expenses is possible*
- ❖ Trip report uploaded to ACEOLE: A Marie Curie ITN Project > Internal Documents > Reports, publications) - *within 1 month please*
- ❖ Evelyne Dho sends information to PH secretariat for final payment
  
- ❖ Other guidelines at ACEOLE: A Marie Curie ITN Project > Internal Documents > Administrative Info and Procedures

## *Important messages from Brussels*

- ❖ EC focus on Training and Network
- ❖ EC funding for “The good of the Network”
- ❖ Deliverables are recruitment, conferences as well as technology



## *Answers to questions (sorry for delay and confusion)*

- ❖ PCs
- ❖ Expenses after end of Researcher's contract



## Use of Category “E” funds – “For the benefit of the ITN”

€600/Researcher/Month  
For Researcher Training

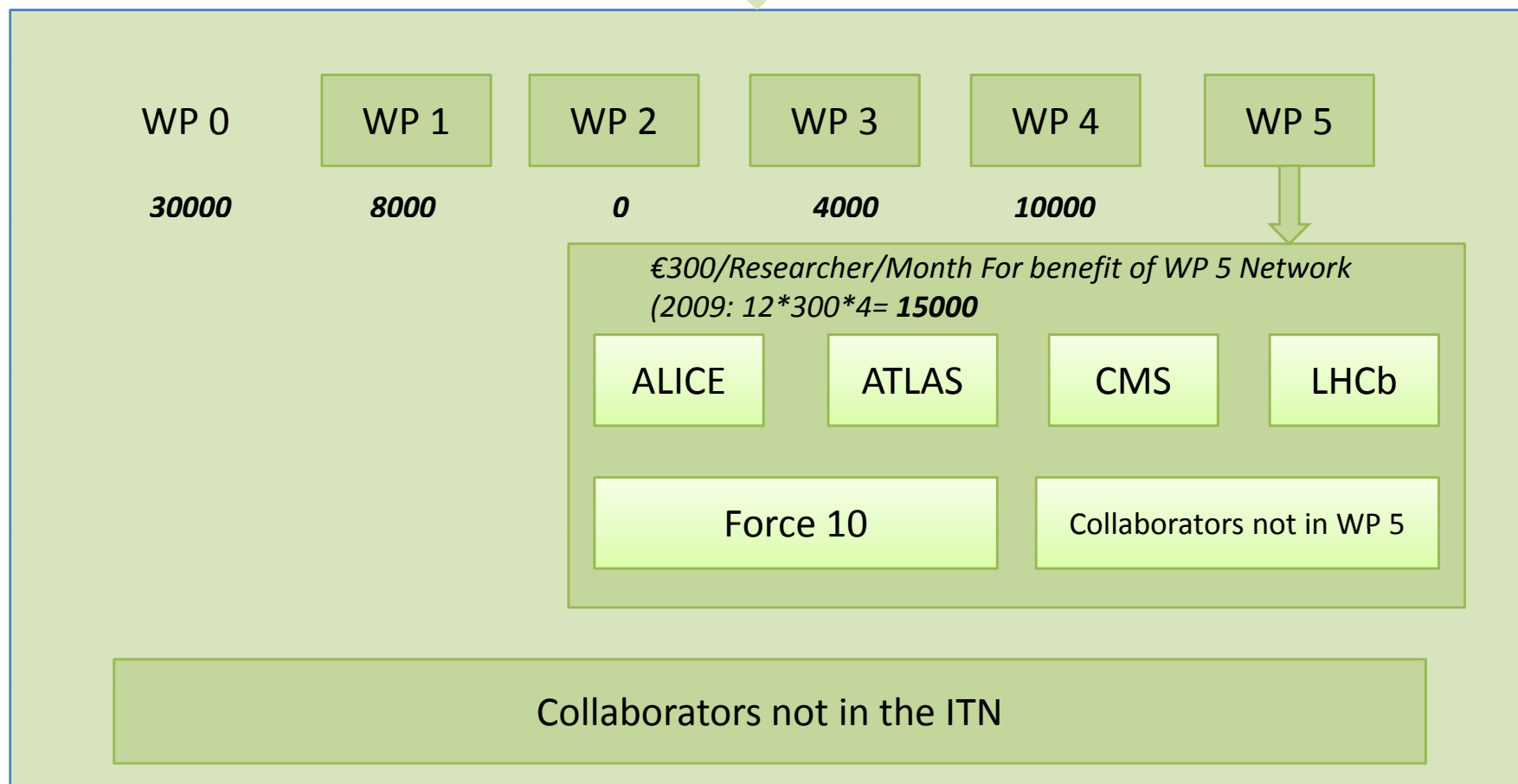
€600/Researcher/Month  
For benefit of Network

Conference support  
(CHEP, TWEPP)

D

E

F





## Purchasing Laptops

From CERN Finance:

“The use of the laptop needs to be duly justified and in line with annex 1 or CDP (note that the host is supposed to provide the material needed). CERN would not accept any staff to get his/her own laptop on CERN’s funds if not duly justified; therefore the same “good sense” should apply on EU funds. As an auditor, I would be very suspicious if all MC fellows of a project left with a laptop. I also recommend to be extremely careful on the wording when presented to the MC fellow (they are not “allowed” to have a laptop on EU funds, they “may be allowed under conditions”). “



Internal Documents - Windows Internet Explorer

https://espace.cern.ch/Marie-Curie-ACEOLE/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fMarie%2dCurie%2f

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(1 unread) Yahoo! M... Facebook | Error Internal Documents

ACEOLE: A Marie Curie ITN Project Welcome Robert McLaren

# ACEOLE: A Marie Curie ITN Project

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ACEOLE: A Marie Curie ITN Project > Internal Documents > WP0 - ITN management People Time and Money

## Internal Documents

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New Upload Actions Settings View: All Documents

Type	Name	Modified	Modified By
Folder	ESRs, ERs and VSs	02/09/2008 09:02 AM	Robert McLaren
Folder	Project plans	27/10/2008 05:22 PM	Robert McLaren
Folder	Supervisors, WPLs, Coordinators	17/02/2009 05:24 PM	Robert McLaren
Document	ACEOLE events	19/12/2008 11:20 AM	Robert McLaren
Document	Associated partners - secondment	22/09/2008 12:27 PM	Robert McLaren
Document	Associated partners - visiting scientists	22/09/2008 12:27 PM	Robert McLaren
Document	Holidays	19/08/2008 03:43 PM	Robert McLaren
Document	Researchers Tasks WPL Sups	08/01/2009 11:59 AM	Robert McLaren
Document	Tasks and people (old)	30/06/2008 11:22 AM	Robert McLaren
Document	To Do List and coffee topics	02/02/2009 04:47 PM	Robert McLaren

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Researchers Tasks WPL Sups [Read-Only] [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Acrobat

Normal Page Layout Custom Views Full Screen Workbook Views

Ruler Formula Bar Gridlines Headings Message Bar Show/Hide

Zoom 100% Zoom to Selection Zoom

New Window Arrange All Freeze Panes Hide View Side by Side Synchronous Scrolling Reset Window Position Window Save Switch Workspace Windows Macros

Server Workbook To modify this workbook, click Edit Workbook. Edit Workbook

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Ref	Type	Task description	W.P.	W.P. leader	CERN Supervisor	CERN Group	S	Name of researcher	Start date	End date	Months	Second max. m
1	1	ESR	Pixel (interconnect)	1.1	Michael Campbell	Michael Campbell	PH-ESE		TICK Timo	01 December 2008	30 November 2011	36	
2	2	ER	Pixel (Xray)	1.2	Michael Campbell	Michael Campbell	PH-ESE		PLACKETT Richard	01 October 2008	31 March 2010	18	
3	3	ESR	ASIC blocks	2.1	Paulo Moreira	Paulo Moreira	PH-ESE		No match found in first round			0	
4	4	ESR	Power Management	3.1	Jan Kaplon	Jan Kaplon	PH-ESE		BOCHENEK Michal	01 October 2008	30 September 2011	36	
5	5	ESR	Opto (PON)	4.1.1	Francois Vasey	Jan Troska	PH-ESE		PAPADOPOULOS Spyridon	01 January 2009	31 December 2011	36	
6	6	ER	Opto (PON)	4.1.2	Francois Vasey	Jan Troska	PH-ESE		PAPAKONSTANTINOU Ioannis	01 January 2009	30 June 2009	6	
7	7	ER	Opto (lasers)	4.2.1	Francois Vasey	Jan Troska	PH-ESE		SILVA Sergio	01 October 2008	30 September 2009	12	
8	8	ESR	Opto (radiation)	4.3	Francois Vasey	Jan Troska	PH-ESE		No match found in first round			0	
9	9	ESR	Opto (packaging)	4.4	Francois Vasey	Jan Troska	PH-ESE		No match found in first round			0	
10	10	ESR	DAQ ALICE	5.1	Niko Neufeld	Pierre vande Vyvre	PH-AID		TELESCA Adriana	01 November 2008	31 October 2011	36	
11	11	ESR	DAQ ATLAS 1	5.2.1	Niko Neufeld	Giovanna Lehmann	PH-ADT		No match found in first round			0	
12	12	ESR	DAQ ATLAS 2	5.2.2	Niko Neufeld	Brian Martin	PH-ADT		SAVU Dan	01 November 2008	31 October 2011	36	
13	13	ER	DAQ ATLAS 3	5.2.3	Niko Neufeld		PH-ADT		No match found in first round			0	
14	14	ESR	DAQ CMS 1	5.3.1	Niko Neufeld	Frank Glege	PH-CMD		HWONG Yi Ling	01 December 2008	30 November 2011	36	
15	15	ESR	DAQ CMS 2	5.3.2	Niko Neufeld	Frans Meijers	PH-CMD		No match found in first round			0	
16	16	ER	DAQ CMS 3	5.3.3	Niko Neufeld	Frans Meijers	PH-CMD		No match found in first round			0	
17	17	ESR	DAQ LHCb	5.4	Niko Neufeld	Niko Neufeld	PH-LBC		GARNIER Jean-Christophe	01 October 2008	30 September 2011	36	
18	19	VS(>10 yr)	Power Management	3									
19	20	VS(>10 yr)	Opto (lasers)	4.2									
20	21	VS(>10 yr)	ASIC blocks	2									
21	22	VS(>10 yr)	DAQ (fault tolerance)										
22	23	VS(>10 yr)	Pixel (Xray)	1									
23	24	VS(>10 yr)	Opto (radiation)	4.3									
24	25	VS(>10 yr)	Opto (radiation)	4.3									
25	26	VS(>10 yr)	Opto (PON)	4.1									
26	27	VS(>10 yr)	Opto (PON)	4.1									
27	28	VS(>10 yr)	Opto (packaging)	4.4									
28	29	VS(>10 yr)	Pixel (interconnect)	1									
29													
30													
31	Project coordinator			Admin							total months recruited	288	
32	Mike Letheren			Seamus Hegarty							cat. F allocation	172800	5

Tasks

Ready 75%

Windows taskbar: Yahoo! Mes..., Lin Johnson ..., 3 Microso..., Internal Doc..., WPL feb-m..., Microsoft E...

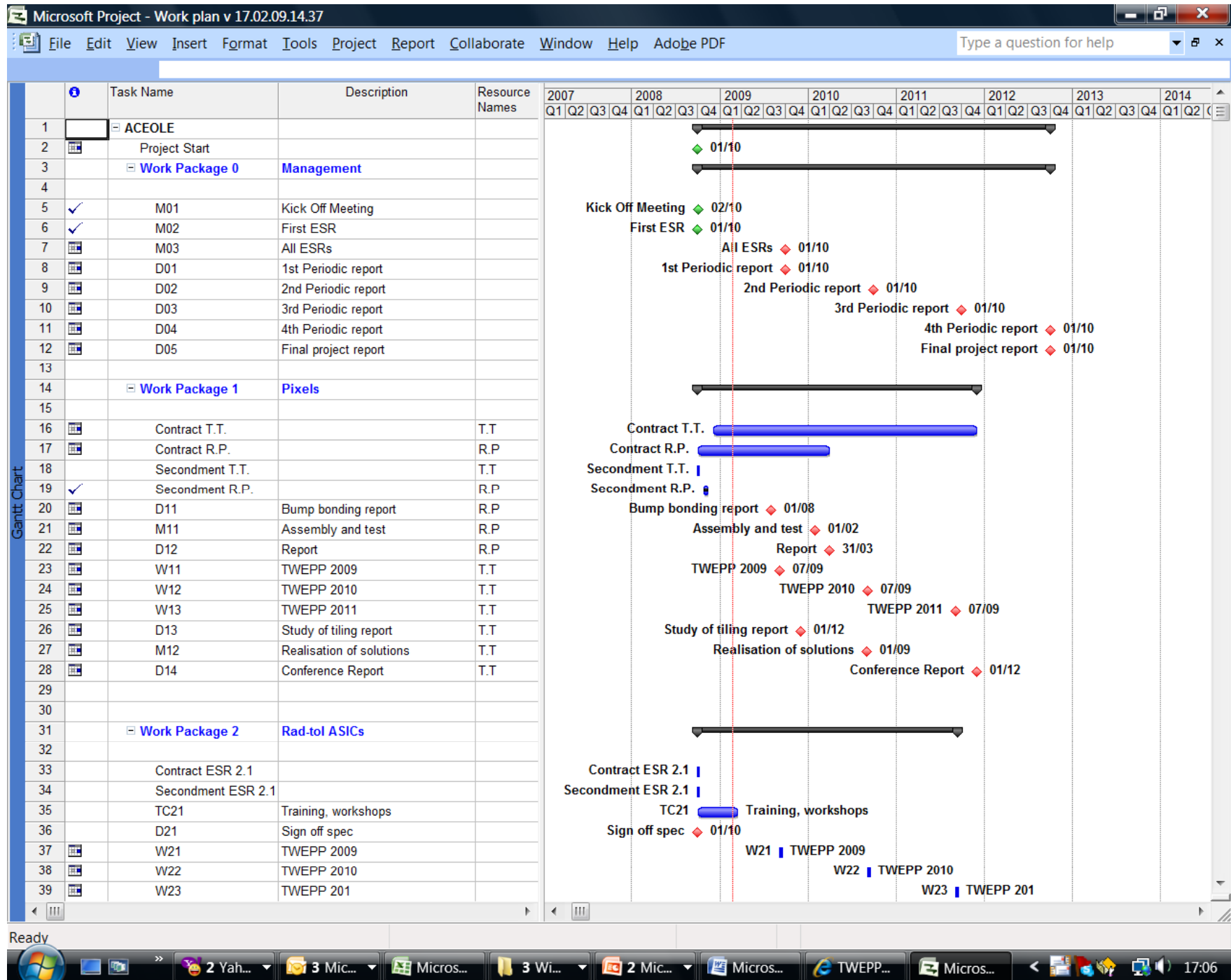
## Deliverables part I: Conferences and workshops

<b>Conference</b>	<b>Duration /Freq.</b>	<b>Focus</b>	<b>Relevant WP</b>	<b>EPs*</b>
<b>CERN school of Computing</b>	10 day / Annual	Training young scientists/engineers in information technology	5	-
<b>Topical Workshop on Electronics for Particle Physics</b>	5 day / Annual	Microelectronics and optoelectronics in physics	1,2,3,4	5
<b>IEEE NPSS Real Time Conference</b>	6 day / Biennial	Real time computing applications in physics, accelerators, medicine and biology	5	-
<b>IEEE NPSS Nuclear Science Symposium and Medical Imaging Conference</b>	8 day / Annual	Instrumentation for physics, imaging and space	1,2,3,4	1.7
<b>Computing in High Energy and Nuclear Physics Conference</b>	5 day / every 18 months	Informatics in particle and nuclear physics.	5	3.3
<b>Medipix</b>	1 day / Triannual	Pixel detectors in Medical applications	1	-
<b>LHC Expts + wrap-up</b>	Variable	Hardware & software in LHC expts.	1,2,3,4,5	3.3
<b>Total</b>				13.3

## Deliverables part II: Visiting Scientists

Associated Partner	Visiting Scientist	Visit length (months)	W.P. for research & TOK	Training topic	No. training hours
AGH	Senior Physicist	1	3	Architectures, performance requirements and limitations to implementing front-end electronics for silicon tracking detectors at the SLHC and/or other relevant topics	10
INESC	Senior Engineer	2	4.2	Optical sources (laser diodes, EOM, EAM); Device characterization & fibre optic measurement techniques. Extraction of laser diode parameters. S-parameters/ network analyzer measurements.	6
INESC	Senior Engineer	1	2	Redundancy & DFT & BIST techniques of RF, analogue & mixed-signal ASICs; Dynamic characterization of A/D converters.	6
LNL Legnaro	Senior Applied Physicist	3	5	Control and monitoring of large and widely distributed systems.	15
PANalytical	Senior Engineer	1	1	Principles and techniques of x-ray materials analysis using diffraction and fluorescence.	10
SCK.CEN	Senior Engineer	1 + 1	4.3	Reliability and radiation-tolerance qualification of optoelectronics components for extremely high dose applications	8
UCL	Senior Engineer	1	2 + 4.1	Network architecture, traffic, switching; Optical networks & topologies, Optical network standards, WDM networks & technologies. Communications circuits and ASIC design.	10
UCL	Senior Engineer	1	4.1	Core & access optical networks, Multiplexing technologies, transmission technologies, switching technologies, Devices & implementation, Network performance & measurements, optical networks for radio applications.	10
VTT	Senior Engineer	2	4.4	Photonic packaging and integration.	8
VTT	Senior Research Engineer	1	1	High-density array interconnect technology, Heterogeneous integration by direct silicon wafer bonding	3





## Other events and information:

Activity reports

Trip request and report

Monthly coffee mornings with all ACEOLE MCs

Board for remaining Researchers 12/13<sup>th</sup> March (see site for details)

CHEP 23 – 27<sup>th</sup> March

ACEOLE Six Month Meeting as planned, April 2nd 2009

One hour admin then presentations by Researchers

Please look at Agenda and send me comments.

WPL meeting in three months Thursday 28<sup>th</sup> May?

ACEOLE Twelve Month Meeting Thursday 1<sup>st</sup> October

More focussed on Admin (deliverables).

