

WP5 report Training and secondments

N. Catalan Lasheras

3rd PACMAN
Supervisory Board
23/09/2016



Summary

- Students moving to specific training in their field
- Writing courses becoming very popular
- Less training needed
- Activities moving towards outreach and dissemination



Training summary I

			ESR 1.1	ESR 1.2	ESR 1.3	ESR 2.1	ESR 2.2	ESR 3.1	ESR 3.2	ESR 3.3	ESR 4.1	ESR 4.2		
Transferable skills	Personal development and communication	Communication to the general public		x	x	x	x	x	x	x	x	x		
		Chairing or participating in meetings												
		Communicating to convince												
		Personal awareness and impact												
		Managing time												
		Making presentations		x	x	x	x	x	x	x	x	x	x	
		Balancing Performance and Pressure	x											
		Negotiating effectively												
		Research career												UNI
		VALORIDOC, A program to get the most of your PhD 2016									x			
	Team building			x	x	x	x	x	x	x	x	x	x	
	Management	Project scheduling and costing									x			
Quality assurance										x				
Managing time											x			
Risk management										x				
Entrepreneurship	Entrepreneurship	x							x		x	UNI		
	Proposal writing 2020				x									
	Introduction to Knowledge transfer tools	x	x	x	x	x	x	x	x	x	x	x		
	Practical Intellectual Property	x	x	x	x	x	x	x	x	x	x	x		
Technical skills	Language	Scientific writing	x	UNI	UNI		x	x				x		
		French		x	x				x	x		x		
	Safety	Radiation protection			x	x	x							
		Self Rescue Mask		x								x		
		Laser handling		x	x									
		Working at Heights		x										
		Fire Extinguisher		x										
		Magnetic fields		x	x	x	x							
		First Aider - Level 1 - Initial - 8h		x										
	Electrical work (Habilitation)		x	x	x	x	x	x	x	x		x		
	Metrology and measurements	Basic Principles of metrology and Survey	x	x	x	x	x	x	x	x	x	x	x	
		Dimensional metrology	x	x	x	x	x	x	x	x	x	x	x	
		Fundamentals of Metrology		IND	IND									
		Uncertainty estimation		x	x	x	x	x	x	x	x			
	Accelerators	CLIC principles and technology challenges												
		Axel	x	x	x		x			x	x	x		
CAS (Cern Accelerator School) beginner												x		
CAS (Cern Accelerator School) advanced												x		
CAS advanced											x			
Linear Collider school												x		



Training summary II

		ESR 1.1	ESR 1.2	ESR 1.3	ESR 2.1	ESR 2.2	ESR 3.1	ESR 3.2	ESR 3.3	ESR 4.1	ESR 4.2	
Technical skills	Specific technical training	MATLAB		UNI				x				
		Basics of metrology	UNI		x							
		COFFMET diploma in metrology	x									
		CMM fundamentals QINDOS	IND									
		Advanced course in FSI, CERN		x	x			x	x			
		C++		x	UNI							
		Indico for beginners-Meeting organization		x								
		Optics laboratory		UNI								
		Industrial metrology and Machine vision			UNI							
		Physical Geodesy and Geodynamics			UNI							
		Project parameter estimation			UNI							
		ALTIUM				x						
		Drupal				x						
		School instrumentation and measurement "Italo Gorno"				UNI	UNI					
		Precision engineering	UNI						UNI			
		ANSYS							x		x	
		CATIA smarteam							x	x	x	
		Geometrical dimensioning and tolerancing							x			
		Engineering optimization									UNI	
		Mechatronic system design									UNI	
		Microwave measurements										x
		Labview developer										x
		RF& Communications Algorithm Engineering Workshop										IND
		HFSS										UNI
		CST Particle studio										x
		Solid works (CADfor industrial parts)										UNI
		Design technologies for embedded MPSoC										UNI
		RF measurements										UNI
Simulink									x			
LaTeX											UNI	



Secondments

Reports are mandatory at the end of the secondment but have different emphasis depending on the ESR

	2014								2015											
	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ESR 1.1							Hexagon, DE													
ESR 1.2					Etalon, DE															
ESR 1.3			ETH		Etalon, DE					ETH										
ESR 2.1						SigmaPhi, FR													Eltos	
ESR 2.2						SigmaPhi, FR														
ESR 3.1															DMP, ES					
ESR 3.2													DMP, ES							
ESR 3.3						TNO, TU Delft, NL														
ESR 4.1														NI, HU						
ESR 4.2														NI, HU						

	2016											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ESR 1.1											Hexagon, DE	
ESR 1.2												
ESR 1.3												
ESR 2.1			FERMILAB									
ESR 2.2						NI, HU						
ESR 3.1												
ESR 3.2												
ESR 3.3												
ESR 4.1												
ESR 4.2												



Second PACMAN workshop

2ND PACMAN WORKSHOP

Debrecen, Hungary
Monday 13th June to Wednesday 15th June 2016

Europe/Zurich timezone

This workshop will provide a unique opportunity to hear about the latest advances on metrology, characterization and alignment for the components to be installed in big science projects. The workshop will be built around the PACMAN network and the projects and developments to date.

As in the previous PACMAN workshop, plenary sessions including invited industrial partners, research laboratory representatives, academic supervisors and selected international experts in their field will be scheduled. In addition will take place part two parallel session on Monday afternoon and Tuesday morning, posters session will be held on Tuesday.

Participants are also warmly invited to join to visit the major National Instruments facilities.

This workshop is funded under the European Union's FP7 Marie Curie Actions.


Attendance is open to anyone interested but, due to place restrictions needs to be confirmed. Registration is now open.

The active participation of students is encouraged, with incentives and funding available for supporting those who qualify.

We look forward to meeting you in Debrecen on this occasion.

Sincerely,
PACMAN Team

 **Starts** 12 Jun 2016 19:00
Ends 15 Jun 2016 18:00
Europe/Zurich

 Debrecen
Debrecen Hungary

 Nuria Catalan Lasheras
Nuria Catalan Lasheras

 Material

- Overview
- Timetable
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Contribution List
- Speaker List
- Book of Abstracts
- Registration
- Participant List
- Getting to Debrecen
- Venue & Hotels

41 contributions.
52 participants



Thank you for your
attention

3rd PACMAN
Supervisory Board
23/09/2016

PACMAN

