



TALENT Project Office Project administration

TALENT Kick-off meeting 16.1.2012

CERN

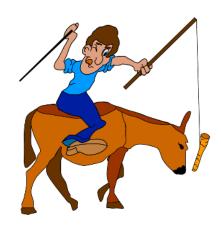
Hanna Juujärvi







What is TALENT Project Office and what does it do?









What is TALENT Project Office?

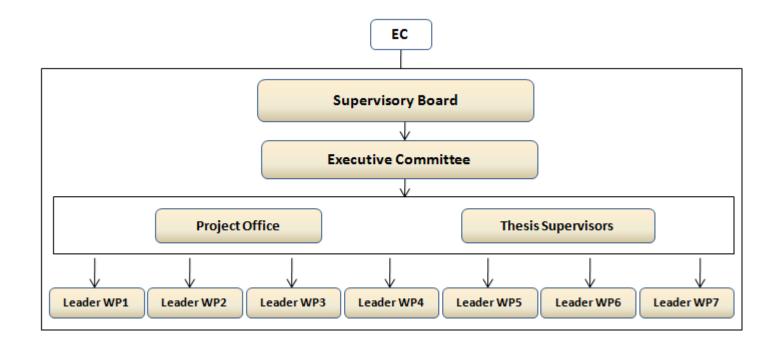
- A body that is designed to facilitate the network administration
 - ➤ Supports all the partners in the execution of the project
 - helps in planning and execution of network activities
- Responsible for the non-technical aspects of the network
- Assists the TALENT Network Coordinator







TALENT Organization







Members of the Project Office to outside world



Network coordinator Heinz Pernegger

Deputy Network Coordinator
Mar Capeans

Training & Outreach Officer
Antti Heikkilä

Project Assistant Hanna Juujärvi **CERN MC ITN Services**

Finance
Financial Officer - Gregory Cavallo

HR
Coordinator Administrative Representative Seamus Hegarty

Legal Officer - Karen Ernst





Management and training support for partners



Activity	Partner	Project Office
Milestone and deliverable reports	 Writes the report by using a provided template 	Compiles the reportsSends them further
Non-technical reports (final, midterm, periodic)	 Provides inputs in their respective fields 	PreparesSubmits
Scientific and non-scientific meetings (workshops, conferences)	 Arranges 	PreparesOrganizesAssists
Training events (summer schools etc.)	PreparesChairsExecutes	 Prepares in cooperation with partners Helps with the execution Assists partners and fellows
Coordination of training events		 Schedules and prepares Distributes training support material Collects feedback







Milestones and deliverables - responsibilities











Partner	Milestone	WP	Month
NIKHEF	Carbon-fibre support prototypes for thermo-mechanical measurements	4	December 2012
NIKHEF	CO ₂ Evaluation cooling system commissioned	4	March 2013
UiO	Layout specification of ATLAS IBL	5	June 2012
UiO	Pixel detector integration procedure	5	December 2012
UiO	Integration tooling design	5	June 2013
UiO	Simulation of thermo-mechanical properties	5	December 2013
UiO	Integration and qualification prototype	5	June 2014
UNIGE	IBL Engineering 3D CAD detector model	4	December 2013
WU-Wien	Open interface to industry created	6	December 2012
WU-Wien	KTT structure and ATLAS technology roadmap	6	June 2014
uBonn	Pixel Module design	3	August 2012
uBonn	Connectivity measurement of integrated sensor to FE ASIC assemblies	3	March 2013
uBonn	ATLAS IBL Pixel supply and readout electr. demo	3	June 2014







Deliverable responsibilities 1/2

Partner	Deliverable	WP	Month
UNIGE	Carbon-fibre support mechanical and thermal specifications	4	August 2012
UBonn	USB-Pix Setup for module tests commissioned	3	December 2012
Ubonn	Pixel Sensor and FE ASIC qualification modules	3	June 2013
UBonn	Full system test of module to DAQ	3	December 2014
UiO	Pixel B-Layer simulation integration to ATLAS Simulation framework	5	December 2012
UiO	Performance evaluation of B-Layer	5	December 2014
UiO	Integration process commissioned	5	December 2014
UiO	Pre-installation data quality and performance assessment	5	June 2015







Deliverable responsibilities 2/2

Partner	Deliverable	WP	Month
NIKHEF	Material recommendation on light-weight carbon-fibre support	4	December 2013
NIKHEF	CO ₂ cooling technology assessment	4	December 2014
WU-Wien	KTT benchmarking best practices guidelines	6	December 2013
WU-Wien	Report on KTT structure formation	6	October 2014
WU-Wien	ATLAS technology Roadmap report	6	December 2013
WU-Wien	ATLAS public funding Roadmap report	6	October 2014







Deliverable timeline 1/2

WP	N°	Deliverable	Partner	Jan-12 Feb-12	Mar-12	May-12	Jun-12 Inl-12	Aug-12	Sep-12	Oct-12 Nov-12	Dec-12 lan-13	Feb-13	Mar-13	Apr-13 May-13	Jun-13	Jul-13	Sep-13	Oct-13	Nov-13 Dec-13	Jan-14	Feb-14 Mar-14	Apr-14	May-14	Jul-14 Jul-14	Aug-14	Sep-14 Oct-14	Nov-14	Dec-14	Jan-15 Feh-15	Mar-15	Apr-15	Jun-15	Jul-15	Aug-15 Sep-15	Oct-15	Nov-15 Dec-15
1	D-1.1	Website	CERN																																	
4	D-4.1	Carbon-fibre support mech. and thermal specific.	UNIGE																																	
1	D-1.2	Declaration of uniformity for each fellow (timetable: at appointment)	CERN																																	
2	D-2.1	Technology prototypes SiSensor manufactured	CERN																																	
3	D-3.1	USB-Pix Setup for module tests commissioned	UBonn																																	
5	D-5.1	Pixel B-Layer simulation integration to ATLAS Simulation framework	UiO																																	
1	D-1.3	Progress report	CERN																																	
2	D-2.2	Planar&3D SiSensor characterization after irrad.	CERN																																	
3	D-3.2	Pixel Sensor and FE ASIC qualification modules	UBonn																																	
7	D-7.1	Summer School	CERN																																	
1	D-1.4	Mid-term report and extended abstract from each fellow	CERN																																	
1	D-1.5	Mid-term questionnaire from each fellow	CERN																																	
1	D-1.6	First periodic report and extended abstract from each fellow	CERN																																	







Deliverable timeline 2/2

WP	N°	Deliverable	Partner	Jan-12	Feb-12	Apr-12	May-12	Jul-12	Aug-12	Sep-12	Oct-12 Nov-12	Dec-12	Jan-13 Feb-13	Mar-13	Apr-13 Mav-13	Jun-13	Jul-13	Aug-13 Sep-13	0ct-13	Nov-13	Jan-14	Feb-14	Mar-14	Apr-14 Mav-14	Jun-14	Jul-14	Aug-14 Sen-14	Oct-14	Nov-14	Dec-14	Feb-15	Mar-15	Apr-15 Mav-15	Jun-15	Jul-15	Sep-15	Oct-15	Dec-15
2		Optimized silicon sensor design for production	CERN																																			
4		Material recommendation on light- weight carbon-fibre support	NIKHEF																																			
7	D-7.2	Joint Training courses	CERN																																			
6		KTT benchmarking best practices guidelines	WU-Wien																																			
6	D-6.2	Report on KTT structure formation	WU-Wien																																			
6	D-6.3	ATLAS technology Roadmap report	WU-Wien																																			
6	D-6.4	ATLAS public funding Roadmap report	WU-Wien																																			
3	D-3.3	Full system test of module to DAQ	UBonn																																			
4	D-4.3	CO ₂ cooling technology assessment	NIKHEF																																			
5	D-5.2	Performance evaluation of B-Layer	UiO																																			
5	D-5.3	Integration process commissioned	UiO																																			
1	D-1.7	Progress report and extended abstract from each fellow	CERN																																			
5		Pre-installation data quality and performance assessment	UiO																																			
1	11_7 X	Evaluation questionnaire from each fellow (end of fellowship)	CERN																																			
1		Final report, second periodic report and extended abstract from each fellow	CERN																																			







Milestone timeline 1/2

WP	MS	Milestone	Partner	Jan-12	Feb-12 Mar-12	Apr-12	May-12	Jun-12	Aug-12	Sep-12	Oct-12	Dec-12	Jan-13	Feb-13	Apr-13	May-13	Jun-13	Jul-13 Aug-13	Sep-13	Oct-13	Nov-13	Jan-14	Feb-14	Mar-14	Apr-14 May-14	Jun-14	Jul-14	Sep-14	Oct-14	Nov-14	Dec-14	Feb-15	Mar-15	Apr-15	May-15	Jul-15	Aug-15	Sep-15	Nov-15	Dec-15
		SB meeting	CERN																																					
		Kick-off meeting	CERN																																					
2	M-2.1	Definition of sensor specifications for different technology	CERN																																					
5	M-5.1	Layout specification of ATLAS IBL	UiO																																					
3	M-3.1	Pixel Module design	uBonn																																					
7	M-7.3	Annual meeting 2011	CERN																																					
4	M-4.1	Carbon-fibre support prototypes for thermo-mechanical measurements	NIKHEF																																					
5	M-5.2	Pixel detector integration procedure	UiO																																					
6	M-6.1	Open interface to industry created	WU-Wien																																					
2	M-2.2	Bare Sensor prototypes characterized	CERN																																					
3	M-3.2	Connectivity measurement of integrated sensor to FE ASIC assemblies	uBonn																																					
4	M-4.2	CO ₂ Evaluation cooling system commissioned	NIKHEF																																					







Milestone timeline 2/2

WP	MS	Milestone	Partner	Jan-12	Feb-12 Mar-12	Apr-12	May-12	Jul-12	Aug-12	Sep-12 Oct-12	Nov-12	Dec-12	Jan-13 Feb-13	Mar-13	Apr-13	May-13	Jun-13 Jul-13	Aug-13	Sep-13	Oct-13 Nov-13	Dec-13	Jan-14	Feb-14 Mar-14	Apr-14	May-14	Jun-14 Jul-14	Aug-14	Sep-14	Oct-14	Nov-14 Dec-14	Jan-15	Feb-15	Mar-15	Apr-15 May-15	Jun-15	Jul-15	Aug-15	Sep-15 Oct-15	Nov-15	Dec-15
5		Integration tooling design	UiO																																					
2	M-2.3	Pixel Sensor performance studied in testbeams	CERN																																					
4		IBL Engineering 3D CAD detector model	UNIGE																																					
5	N/I_5 /I	Simulation of thermo- mechanical properties	UiO																																					
6	M-6.2	KTT structure and ATLAS technology roadmap	WU-Wien																																					
3	M-3.3	ATLAS IBL Pixel supply and readout electr. demo	uBonn																																					
5		Integration and qualification prototype	UiO																																					
7	VI-7.6	Final conference	CERN																						T	T														







Work Package Leaders and make-up of Supervisory Board and Executive committee









Work Package Leaders

WP	WP name	WP leader	Partners recruiting	Associated partners involved
1	Project management	Heinz Pernegger (CERN)		
2	Development of very radiation hard precision pixel sensors	Heinz Pernegger (CERN)	CERN, uBonn, Cis	IBA, IFAE, CNM, CIVIDEC
3	Development of radiation-hard high- density electronics, interconnection with sensors	Norbert Wermes (uBonn)	Fraunhofer, uBonn, uWuppertal	IBA, CNM, CIVIDEC
4	New mechanical integration methods	Nigel Hessey (NIKHEF)	NIKHEF, UNIGE, uWuppertal	Composite Design
5	Detector performance and system integration	Ole Rohne (UiO), Didier Ferrere (UNIGE)	CERN, Atostek, UNIGE, UiO	
6	Dissemination, knowledge transfer and external research funding	Peter Keinz (WU-Wien)	WU-Wien	A.D.A.M.
7	Training	Heinz Pernegger (CERN)		ATI





Executive Committee

WP2: Heinz Pernegger (CERN)

Network Coordinator

WP3: Norbert Wermes (uBonn)

WP4: Nigel Hessey (NIKHEF)

WP5: Didier Ferrere (UNIGE)

WP5: Ole Rohne (UiO)

WP6: Peter Keinz (WU-Wien)

Mar Capeans
Network Deputy Coordinator

Seamus Hegarty (CERN)
Coordinator Administrative
Representative

Chair of SB (ex-officio)

Leader of Project Office (ex-officio)

Project Assistant (ex-officio)





Responsibilities - Executive Committee



- Network's managerial board
- Meets annually
- In charge of training programme (overall, scientific)
- Acts as the initiator of all activities of the network
- Reviews and steers the scientific and administrative work of the research projects
- Reports the progress of Work Packages at each meeting
- Advices and assists SB when required
- Checks that candidates match to projects and researcher profiles
- Provides follow-up to the Supervisory Board on organizational tasks







Supervisory Board (all)

- Allan Clark (UNIGE)
- Cristobal Padilla (IFAE)
- Donatella Ungaro (A.D.A.M)
- Erich Griesmayer (CIVIDEC)
- Giulio Pellegrini (CNM)
- Heinz Pernegger (CERN)
- Jarkko Niittylahti (Atostek)
- Mattias Birkner (IBA)
- Mar Capeans Garrido (CERN),
 Deputy Network Coordinator
- Nigel Hessey (NIKHEF)

- Norbert Wermes (uBonn)
- Oswin Ehrmann (FRAUNHOFER)
- Peter Mättig (Wuppertal)
- Philipp Tuertscher (WU-Wien)
- Philippe Favre (Composite Design)
- Pietari Kauttu (bgator)
- Ralph Röder (CiS)
- Seamus Hegarty (CERN),
 Coordinator Administrative
 Representative
- Steinar Stapnes (UiO)
- Project representatives





Responsibilities - Supervisory Board



- Ensures exchange of best training practices between partners
- Monitors and evaluates the overall progress of the research and training program
- Approves the implementation plan of the training program and changes to the program
- Approves the Consortium Agreement (CA) and Description of work (DoW), its amendments, the WP documents (its possible revisions), the IPR and Publication Policy rules
- The consent of the SB is required for possible changes in the appointments of the Network Coordinator and others responsible for the project
- Proposes re-assignements of projec tasks in case of a partner's withdrawal
- Approves all documents and reports to be submitted to Research Executive Agency (REA)







Thousands of kilometers apart - how do we pull this through?









IT Collaborative tools

Website

- Dissemination purposes
- Communication and information exchange between the network partners (and to outside as well)
- Document storage and management
- Outreach material database

Indico

- All meeting agendas (SB, EC, annual, kick-off)
- Presentations
- Minutes
- Training events' material (joint, summer, case studies workshops)

EDMS

- Technical papers
- Sharing for the community (technical)







Summary – PO responsibilities

- Helps with the non-technical aspects of the project
 - Prepares, organizes, assists in all TALENT meetings
 - Liases with CERN services for ITN and partners
 - Prepares and distributes training support material
 - Collects feedback from researchers
 - Prepares training events in collaboration with partners
 - Writes non-technical reports
 - Stores and manages documents







Who do I contact?

- Project Assistant Hanna Juujärvi (talent-project-office@cern.ch)
- Network Coordinator Heinz Pernegger (<u>talent-coordinator@cern.ch</u>)
- CA matters are discussed directly between Karen Ernst and partners







Questions/Comments...



























COMPOSITE

























