

ITN planning meeting - pm

Agenda:

1) Summary from the morning

lunch

7) Work package structure

8) Industrial partners

9) Writing team

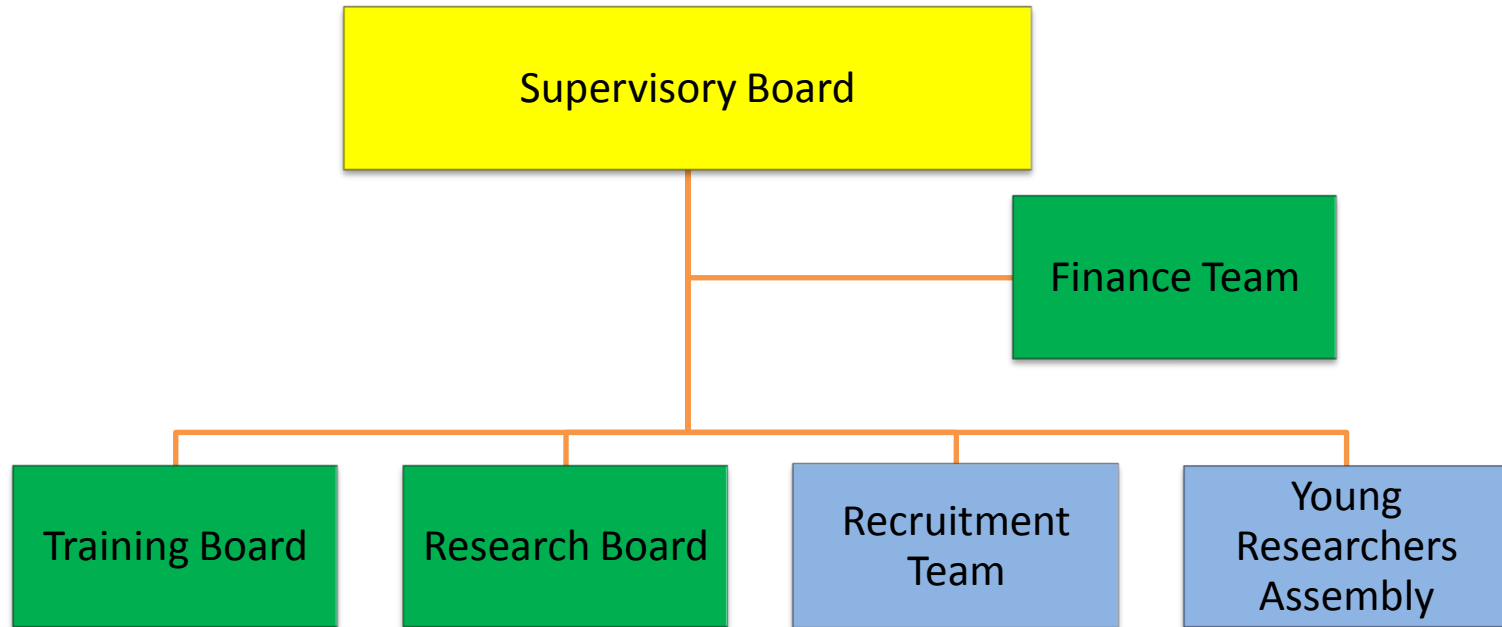
10) AoB

Preliminary resource distribution

	ESR	ER	Cat C	Number of recruitments
		0	64.8k	
		0	64.8k	
		0	64.8k	
		0	64.8k	
		0	64.8k	
		0	129.6k	
		0	64.8k	
		0	64.8k	
		0	129.6k	
		0	64.8k	
Total	432	0	777k	

STRUCTURING OUR NETWORK

Management structure



Required to have a **Supervisory Board** composed of the Chair (Coordinator) and **Deputy Chair**, the scientists in charge of the full participants and the representatives of the associated partners (both from the private sector and academia).

The SB has the overall responsibility for the research and training programme.

Decisions will be made following the principle of maximum consensus. The Chair and Deputy Chair will moderate the discussions in case of conflict. If no agreement is found, the decision will be by a simple majority of the members of the SB. If there is still deadlock, the SB Chair will have the casting vote.

8. The Supervisory Board

Each network will have a clearly identified **Supervisory Board** co-ordinating the network-wide training activities.

Composition

The Supervisory Board will be composed of full network and associated partners and may also include any other stakeholders of relevance to the training programme. The board will ensure an adequate balance between scientific and technological training through personalised research projects and complementary skills training, appropriate to the needs of each recruited researcher. The involvement of the private sector in the Supervisory Board aims to ensure that the skills requirements for the recruited researchers are defined on the basis of a thorough understanding of the sectoral needs of both academia and enterprise thus giving the trained researchers the widest possible employment prospects. The expert evaluators will be looking for evidence of the commitment of the private sector to participate in the ITN.

Tasks

The Supervisory Board will define the skills requirements for the recruited researchers taking into account the needs of both the private and academic sectors and ensuring an adequate exploitation of complementarities and synergies among the network partners. It will ensure that scientific and technological training through personalised research projects is balanced with transferable skills training, appropriate to the needs of each recruited researcher. It will also establish active and continuous communication and exchange of best practice among the network participants to maximise the benefits of the partnership.

Research Board

- ❖ The convenors of the scientific work packages and the coordinator (*Gender balance?*)
- ❖ The RB will be tasked with the delivery and monitoring of the research program and reporting on progress to the SB.
- ❖ The RB will be responsible for the dissemination of network publications and developed computer codes via the website.
- ❖ The RB will assist Local Organizing Committees with the research content of network schools and other events
- ❖ It will also highlight the results of the most relevant achievements.
For example in the preparation of the proceedings for the final Network Meeting?

Training Board

- ❖ A gender balanced team (including the coordinator and rep of YRA?)
- ❖ The TB will be tasked with the delivery and monitoring of the training program and reporting on progress to the SB.
- ❖ The TB will exploit and coordinate local training opportunities.
- ❖ It will make all the training lectures and material given at the training events available on the website
- ❖ The TB will assist Local Organizing Committees with the training content of network schools and other events
- ❖ The TB will arrange the secondments of ESRs to Private Sector Partners and other partners in the network
- ❖ The TB will identify training needs and suggest the topics for training events

9. Management and Recruitment

The network will distribute responsibilities among its teams and coordinate its activities to ensure that cooperation and communication are as open and efficient as possible, with appropriate involvement of recruited fellows (for organisation of meetings and identification of training needs, for example).

The network will be responsible for the selection and appointment of its eligible researchers. An important aspect of the Commission's policy towards researchers is to improve their working and living conditions while being mobile thereby opening up new perspectives for research careers within Europe. The Marie Curie Actions aim to act as a catalyst in this respect. The host organisations will therefore be required to meet certain conditions when appointing researchers and the recruitment procedure should be in line with the principles set out in **the European Charter for Researchers** and in **the Code of Conduct for the Recruitment of Researchers**. These documents may be downloaded from: http://ec.europa.eu/euraxess/index_en.cfm

Finance Team

- ❖ Based in UDUR
- ❖ The FT will be responsible for the financial aspects of the network
- ❖ Will guarantee that the funds are properly distributed among the partners
- ❖ Will be responsible for dealing with paperwork from EU. E.g. Form C and SESAM

Recruitment Team

- ❖ Gender balanced
- ❖ The RT will be responsible for advertising the available ESR positions and making the recruitment process transparent.
- ❖ The RT will make the first selection of candidates and match these to the recruiting partners and work packages.
- ❖ The final selection of ESR will be by the recruiting partner

Young Researchers Assembly

1. encourages cohesion amongst the young researchers and enables the sharing of common experiences and transfer of knowledge.
2. gives the Young Researchers a clear voice in determining some of their own training needs.
 - The YRA will have a representative on the Training Board, and we see this as a mechanism for engaging the Young Researchers in the planning of network wide training events.
 - The YRA will also be tasked with collecting feedback on the activities of the network through, for example, questionnaires.

Private Sector Partners

Maplesoft – contact J. Gerhard

Maplesoft™ is the leading provider of high-performance software tools for engineering, science, and mathematics. Its product suite reflects the philosophy that given great tools, people can do great things.

Wolfram Research – contact R. Germundssen

Wolfram Research is one of the world's most respected software companies—as well as a powerhouse of scientific and technical innovation. As pioneers in computational science and the computational paradigm, we have pursued a long-term vision to develop the science, technology, and tools to make computation an ever-more-potent force in today's and tomorrow's world.

Shell – contact F. ten Kroode

exploration and production technologies, including the algorithmic and computational aspects of simulating wave propagation through the subsurface using modern high performance computer hardware.

Private Sector Partner for Outreach

Brook Lapping/Newton TV - Newton TV provides high-quality, high-end science programming, and science communication resources, for scientists and the public to share research, ideas and discoveries in new innovative ways.

Newton TV will provide the necessary media training to create a cohort of ESR that have the science and media skills required to communicate their science to a wider audience.

There will be an initial meeting training workshop where the ESR will be taught the skills required for the production of the short films. Guided by an experienced science programme maker the ESR will gain hands on skills in the production of science programmes from both sides of the camera.

Creative control will be in the hands of the team of ESRs, who will craft films – scripts, filming and editing.

The deliverable will be **two 15 minute films** about **“The High Energy Frontier”**.

The films will delve into the science at the heart of the researchers’ work, but they will also give viewers an insight into the working lives of people just starting out on a career in science. They will provide a unique perspective on the subject of each film, giving them a strong appeal to a young audience.

Distribution

Newton: the new online science channel will promote and distribute the films via the Newton website and media player. The development of innovative clipping tools will allow teachers to build up topic specific playlists. The tools will also allow bloggers to distribute clips across the science blogosphere.

Newton, via its partners, the **Open University**, the **Science Museum** and the **Guardian**, has a potential science audience of over 30 million viewers. The recent showing of the co-funded STFC film, In Search of Giants, on the Guardian attracted over 10,000 viewers in just 3 days.

The films will be available on-demand on Newton and its other associated channels on **Facebook** and **Youtube**.

Newton has just formed a new partnership with **The Guardian**. This would provide exciting opportunities to involve the Guardian's extensive teacher and education community readership.

There is a significant cost O(**60keuros**) to be found from the Training budget.

Other private sector partners?

Proposed Work Packages

- WP1: Extreme Computation Tools
- WP2: Precision Calculations for the LHC
- WP3: Discovery Physics at the LHC
- WP4: Interaction with LHC experimentalists

Would like to come up with 3-4 sub themes for each WP

Milestones??

Deliverables

Number	Deliverable	Due
	Network Website	1
	1st Annual Report	12
	Mid-Term Report and self evaluation by the SB	24
	3rd Annual Report	36
	Final-Term Report and self evaluation by the SB	48
	ESR positions filled	36
	Annual meeting of SB	12,24,36,48
	Secondments of ESR	24,36,48
	Scientific publications	24,36,48
	Proceedings of final network conference	48

My gut feeling: deliverables seem to be taken seriously
only deliver what we are confident about
can help with longer term impact?

Training through secondments in private sector

Each ESR would have the opportunity of a **three month** secondment to learn about a new facet of research computing in the commercial sector. (Around 4 ESR for each private sector partner).

Would work on aspect of computing that may or may not be directly relevant to physics research project.

Will learn about research in commercial environment and hopefully transfer skills back to academia.

Will also learn about working in another country, etc etc

Working on OpenForm with Jos Vermaseren at Nikhef would also be an option

Training through secondments within network

Each ESR will have a **three month** secondment at one of the network partners.

These secondments are funded by the employing node => could also go to associated partners

Secondments within a node would also be OK.

Split secondments (three 1 month visits would also be OK).

Would primarily be to develop research skills – could be already collaborating, or even co-supervising

Proposal:

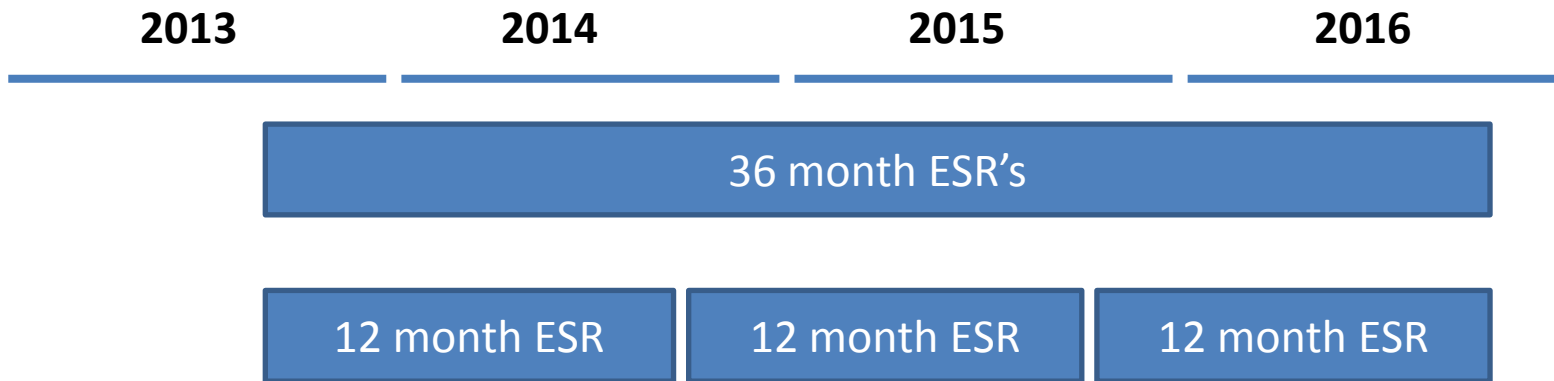
All 12 month ESR undergo **one** 3 month secondment

All > 12 month ESR undergo **two** 3 month secondments

Aiming for **O(12)** 3 month secondments in private sector,

O(18) 3 month secondments within the network

Timeline and training events



Likely to know outcome next May, network start beginning 2013

What is still needed

Agreement before Friday

- Teams – participants and associated partners
- Work packages
- ESR/ER balance
- Resources
- Private sector partners
- Management structure
 - Plus who is in each board
- Training events
- Volunteers to help writing

Input by end next week

- Ideas on how to help associated partners
- Milestones
- Training events

Input by 1 Nov

- Part A of proposal

Input by 5 Dec

- Team pages (½ page maximum).

Timeline:

I will start section A next week.

In next 7 days, I will send round email with instructions for how to fill in part A2 (full participants) A5 (associated partners). Most information should be the same as last time. To be completed by 1 Nov.

Team pages to be sent in by December 5

Writing committee to send input by December 5.

Full proposal to be circulated by Dec 19 and returned with comments by January 4.

Submission: January 11
Deadline: January 12

B.7 TABLE CAPACITIES OF THE HOST

(1 table per partner – maximum half a page /table)

Full Partner X	
General description	
Role	
Key competences and facilities	
Key persons	
Previous training programs and research	

Associated Partner Y	
General description	
Role	
Key competences and facilities	
Key persons	
Previous training programs and research	