

Terascale Alliance

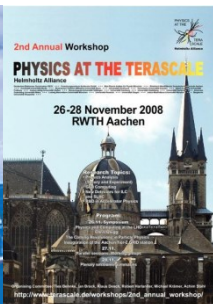
November 2017

Ties Behnke

Alliance Annual Meeting

2007

2008



2012

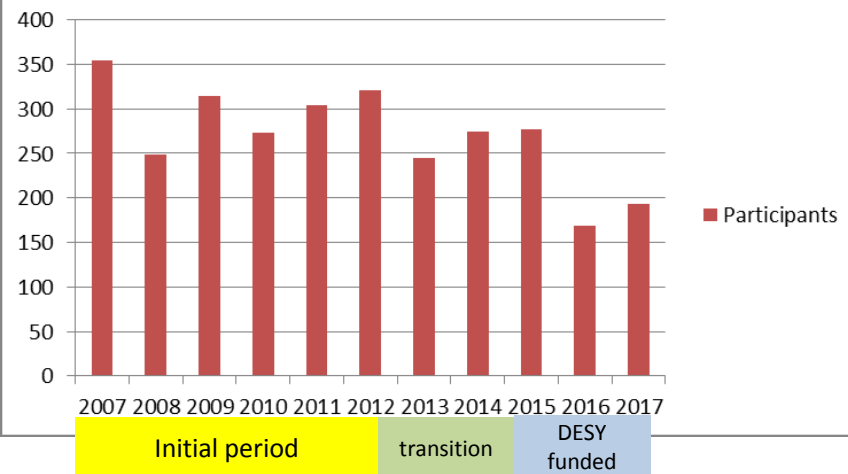
2013



2017



Participants



Development of the number of participants
in the annual meeting of the Alliance

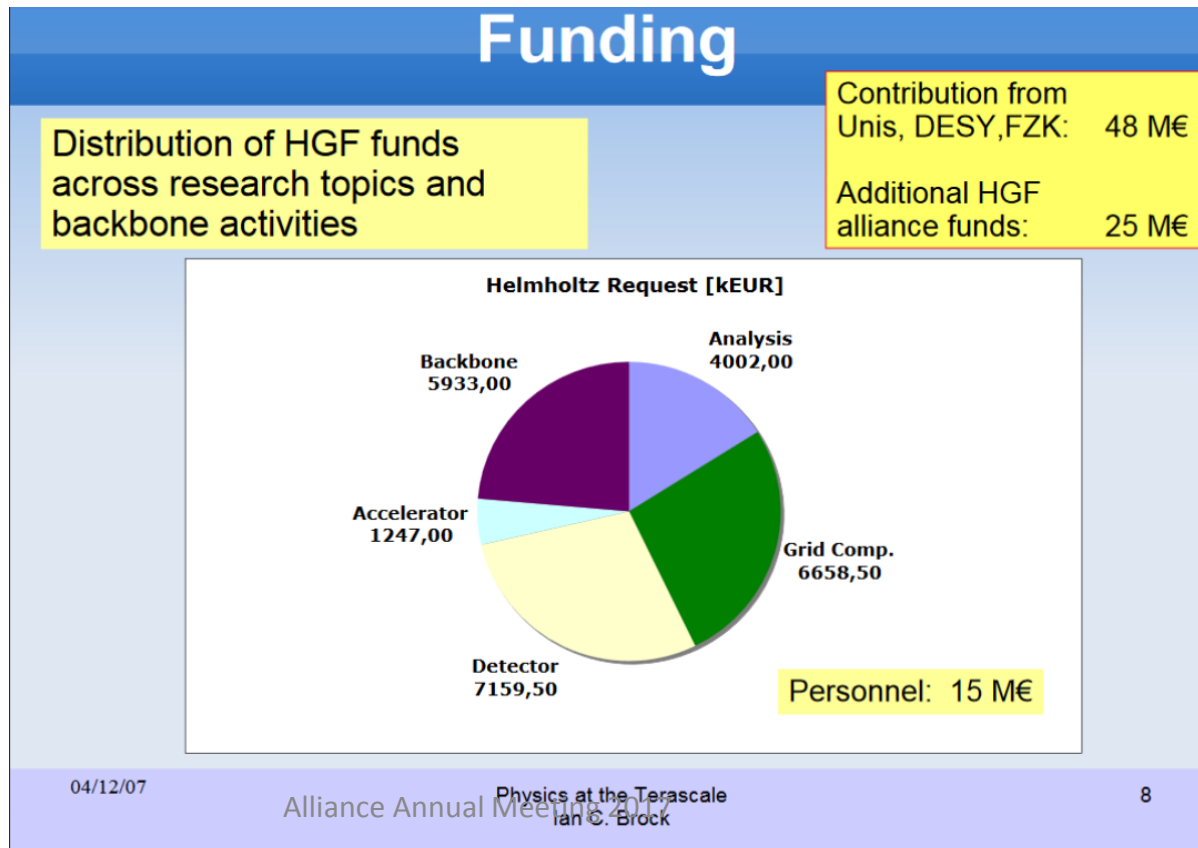
Terascale 2007-2011

The first coordinators
of the Alliance,
Also during the
application phase:

Rolf Heuer
Peter Maettig
Ian Brock

Just a reminder:

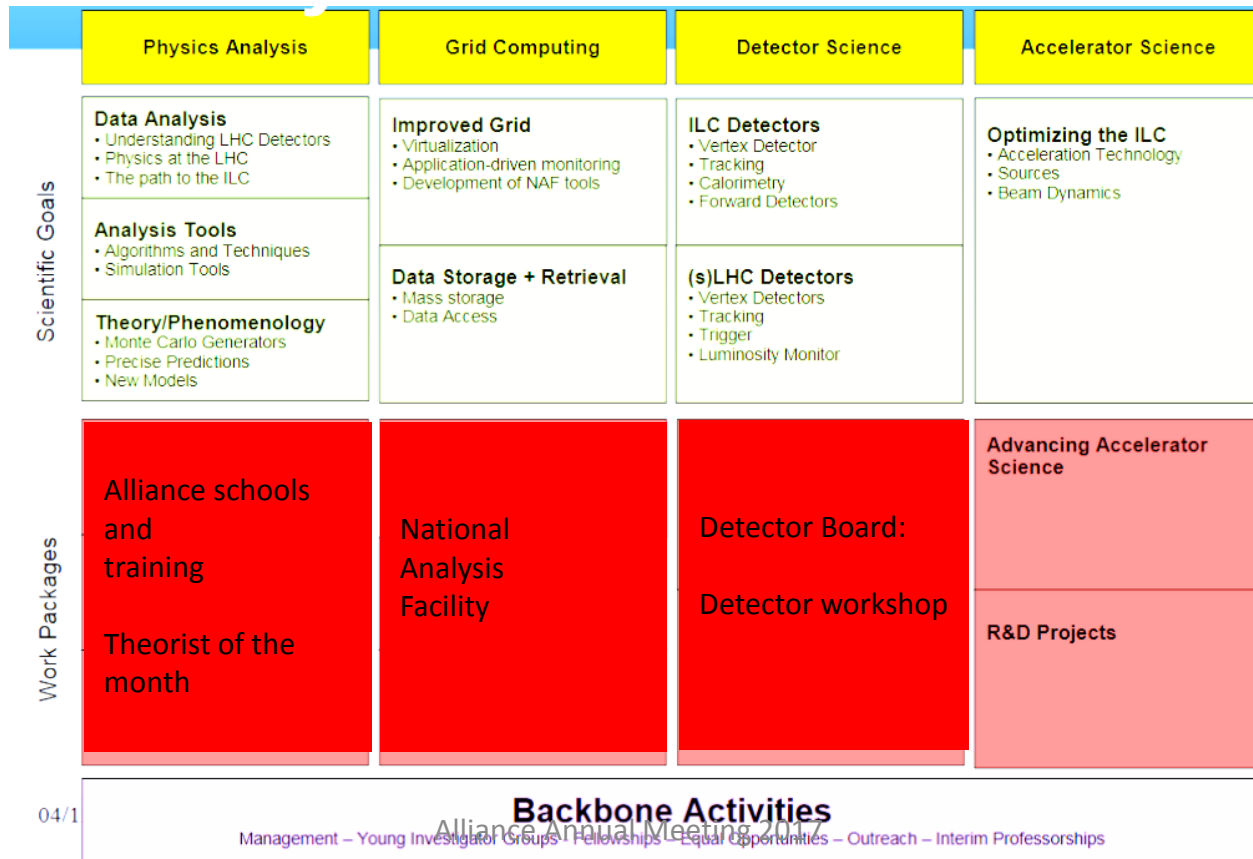
The budget of the
original Alliance:



The Alliance structure 2007

	Physics Analysis	Grid Computing	Detector Science	Accelerator Science
Scientific Goals	Data Analysis <ul style="list-style-type: none"> Understanding LHC Detectors Physics at the LHC The path to the ILC 	Improved Grid <ul style="list-style-type: none"> Virtualization Application-driven monitoring Development of NAF tools 	ILC Detectors <ul style="list-style-type: none"> Vertex Detector Tracking Calorimetry Forward Detectors 	Optimizing the ILC <ul style="list-style-type: none"> Acceleration Technology Sources Beam Dynamics
	Analysis Tools <ul style="list-style-type: none"> Algorithms and Techniques Simulation Tools 			
	Theory/Phenomenology <ul style="list-style-type: none"> Monte Carlo Generators Precise Predictions New Models 	Data Storage + Retrieval <ul style="list-style-type: none"> Mass storage Data Access 	(s)LHC Detectors <ul style="list-style-type: none"> Vertex Detectors Tracking Trigger Luminosity Monitor 	
Work Packages	Analysis Network <ul style="list-style-type: none"> Alliance Working Groups Monte Carlo Group Virtual Theory Institute 	Virtual Computing Centre <ul style="list-style-type: none"> Tier 2 National Analysis Facility High performance network 	Virtual Detector Lab <ul style="list-style-type: none"> VLSI & Electronics Support Sensor Design & Characterization Detectors Systems Support 	Advancing Accelerator Science
	Analysis Centre at DESY	R&D on Grid Tools: <ul style="list-style-type: none"> Mass storage Collaborative & Interactive tools User friendliness 	R&D Projects	R&D Projects
	Training and Exchange	Grid Training		
04/1	Backbone Activities Management – Young Investigator Groups – Fellowships – Equal Opportunities – Outreach – Interim Professorships			

The Alliance structure 2007



Current Alliance

- No additional money from Helmholtz any more
- Funding from DESY for a school/ workshop program
- Things we can do:
 - Support travel to DESY to Alliance events (max 250EUR/ trip)
 - Support Alliance events also not at DESY at some level

Contact anacen@desy.de (Isabell, Kerstin)
if you want to use the program.

Contact Karsten.Buesser@desy.de for
financial questions and issues.

Alliance Program 2017

✦ http://www.terascale.de/schools_and_workshops/

Date	Event	Participants
6-11 Mar	Statistics School	74
13-17 Mar	Monte Carlo School	38
20-24 Mar	CAPP - Computer Algebra and Particle Physics	51
10-14 Apr	10 th Terascale Detector Workshop	86
26-30 Jun	Advanced Programming Concepts	31
28-30 Aug	Workshop on Multi Boson Interactions (KIT)	62
22-23 Nov	Annual Workshop	195

Planned Alliance events 2018

Date	Event	Where
19-23.2	Statistics school	DESY
TBD	Monte Carlo School	DESY
TBD	Computer Algebra and Particle Physics	DESY
27.2-2.3	Detector Workshop	MPI Munich
Summer	C++ School	DESY
6.5-13.5.	Linear Collider School	Chiemsee
Autumn	Advanced Programming Concepts	DESY
Autumn	Machine Learning	DESY

Outlook

At yesterday's Institute Assembly meeting: Broad support to continue with the Alliance program

Current frame expires end of 2019, will most likely go for another 5 year extension

We should use the Alliance to ensure close cooperation between DESY and the Universities beyond the cooperation which exists within the large experimental collaborations.