

# ANALYSIS CENTRE MEETING



Thomas Schörner-Sadenius  
DESY Hamburg, 14 October 2011



# TOPICS

Alliance situation after 2012

Schools / workshops in 2011 – short summary

Schools (and workshops) in 2012

Theorist of the week 2012

AOB

# ALLIANCE AFTER 2012

2012: Nominal end of Alliance “Physics at the Terascale” after 5 years of funding with 5 MEu / a from HGF and similar from universities (positions).

HGF view: no continuation of Alliance planned beyond POF measures. For time until POF III: 05MEu / a!

Our view: Alliance idea needs continuation in order to profit from what was already invested! Outcome of controversy unclear – some hope that there might be more than what is promised now.

But: Need a strong physics motive & perspective (being worked on!).

Will keep up school programme (~60kEu / a) – and hopefully more.

# SCHOOLS / WORKSHOPS IN 2011

21 Feb	25 Feb	Introductory School to Terascale Physics	DESY, Hamburg site
14 Mar	17 Mar	MC School 2011	DESY, Hamburg site
15 Mar	17 Mar	4th Detector Workshop	DESY, Hamburg site
20 Mar	25 Mar	Computer Algebra and Particle Physics	DESY, Zeuthen site
4 Apr	8 Apr	Statistics School 2011	Mainz
4 Apr	15 Apr	VISPA Workshop	Aachen
7 Apr	8 Apr	Workshop on Top Quark Physics	Wuppertal
4 May	6 May	Workshop on neutrino masses and LFV@LHC	DESY, Hamburg site
4 May	6 May	Workshop on SUSY / BSM working group	DESY, Hamburg site
10 May	13 May	Geant4 Training Event: Calorimetry in HEP	DESY, Zeuthen site
9 Jun	10 Jun	Central Jet Veto working group meeting	Goettingen
15 Jun	17 Jun	Rare b-Decays @ Low Recoil (bsll2011)	DESY, Hamburg site
15 Jun	17 Jun	SM Benchmark Processes at LHC	DESY, Zeuthen site
14 Jul	15 Jul	2nd LC Forum Meeting	MPI Munich
5 Sep	6 Sep	Single top / fourth generation quarks workshop	DESY, Hamburg site
26 Sep	30 Sep	Software Development Workshop 2011	Dresden
4 Oct	7 Oct	Workshop on Data Combination and Limit Setting 2011	DESY, Hamburg site
10 Oct	13 Oct	LHC Precision Predictions for Pedestrians	Freiburg
21 Nov	23 Nov	WHIZARD - Event Generation for LHC, ILC, CLIC	DESY, Hamburg site

Good feedback for “standard schools”, slightly reduced attendance wrt 2010.

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- MC school
- PDF school
- 1 (2?) statistics event
- Physics school / WS
- 3 software / computing events



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- } combine?
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Number of workshops of varying size with physics/technical topics. Excellent feedback – should encourage more!

# SCHOOLS / WORKSHOPS IN 2011

Today:

- Find other / more topics
- Find time slots for all events
- Define organising colleagues

Then:

- Abstracts until 30 November
- Poster for 2012 ready in December
- Discussion of finances with TSS

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- 1 (2?) statistics event
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- 3 software / computing events, CAPP (?)

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So far foreseen:

- MC techniques/generators (10/12)
- MC in other fields (3/12)
- Resummation and MC (5/12 – J. Collins)
- RooFits / RooStats (?)
- Top workshop

Months					
	January	2 – 6	9 – 13	16 – 20	23 – 27
February					
	30 – 3	6 – 10	13 – 17	20 – 24	
	ATLAS week			CMS week	
March	27 – 2	5 – 9	12 – 16	19 – 23	26 – 30
	ATLAS PPW DPG			MC-nonHEP (22/23)	ATLAS PPW
April	2 – 6	9 – 13	16 – 20	23 – 27	
	Easter Fr (6)	DIS Easter Mo (9)	CMS Physics		
May	30 – 4	7 – 11	14 – 18	21 – 25	
June		ATLAS PPW		TOW Collins MC / Resum. CMS Upgrade	
	28 – 1	4 – 8	11 – 15	18 – 22	25 – 29
		ATLAS week PLHC		CMS week	ATLAS PPW
July	2 – 6	9 – 13	16 – 20	23 – 27	
	ICHEP	ICHEP			
August	30 – 3	6 – 10	13 – 17	20 – 24	27 – 31
					ATLAS PPW
September	3 – 7	10 – 14	17 – 21	24 – 28	
		CMS week		DESY Theo WS (25-28) MC Generators (??)	
October	1 – 5	8 – 12	15 – 19	22 – 26	
	ATLAS week				
November	29 – 2	5 – 9	12 – 16	19 – 23	26 – 30
	CMS week	ATLAS PPW			
December	3 – 7	10 – 14	17 – 21	24 – 28	
		ATLAS PPW CMS week			



# THEORIST OF THE WEEK 2012

Questions:

- More?
- Younger?
- Benefit only for DESY?
- How to increase benefit?

2010/11

- Fred Olness
- Mrinal Dasgupta
- Torbjörn Sjöstrand
- Davison Soper
- Yuri Dokshitzer

2012:

- John Collins (May)
- ???

# AOB?

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- Soon: Discussion with Statistics / PDF / MC / BSM people about working groups
- ???