

# Analysis Centre Meeting

December 2012

Thomas Schörner-Sadenius 

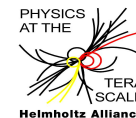
DESY Hamburg  
18 December 2012



Helmholtz Alliance

**PHYSICS AT THE TERASCALE**

Deutsches Elektronen-Synchrotron DESY + + + Forschungszentrum Karlsruhe GmbH + + + Max-Planck-Institut für Physik München + + + Rheinisch-Westfälische Technische Hochschule Aachen  
+ + + Humboldt-Universität Berlin + + + Rheinische Friedrich-Wilhelms-Universität Bonn + + + Universität Dortmund + + + Technische Universität Dresden + + + Albert-Ludwigs-Universität  
Freiburg + + + Justus-Liebig-Universität Gießen + + + Georg-August-Universität Göttingen + + + Universität Hamburg + + + Universität Heidelberg + + + Universität Karlsruhe + + + Johannes  
Gutenberg Universität Mainz + + + Ludwig-Maximilians-Universität München + + + Universität Regensburg + + + Universität Rostock + + + Universität Siegen + + + Julius-Maximilians-Universität  
Würzburg + + + Bergische Universität Wuppertal + + +



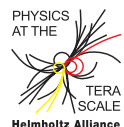
# AGENDA

- > News
- > Schools and Workshops
- > Theorist of the ~~Week~~ Month
- > PDF position in the Analysis Centre
- > Next meeting: Tuesday, 5 February 2013, 14:30 hrs
- > AOB



# SCHOOLS AND WORKSHOPS 2013

Months January	31-4	7-11	14-18	21-25	28-1
			16-18 FastSi 14-18 CMSDAS		
February		4-8	11-15	18-22	25-1
		ATLAS- Woche		MC in other CMS Week	Intro 2013
March		4-8	11-15	18-22	25-29
		MoriondEW DPG	MoriondQCD CAPP 2013	ATLAS P&P Statistics School	29. Good Friday
April	1-5	8-12	15-19	22-26	29-3
		CMS Week	15/16 GPU 18-20 MC4BSM		
May		6-10	13-17	20-24	27-31
			LHCP conference	ATLAS P&P	
June	3-7	10-14	17-21	24-28	
	CMS Upgrade @ DESY		ATLAS- Woche	LP13 SLAC	
July	1-4	8-11	15-18	22-25	29-2
		CMS Week	EPS(18-) 15-17 PSR (Durham)	EPS	ATLAS P&P
August		5-9	12-16	19-23	26-30
		5-9 MC with MCNet			
September	2-6	9-13	16-20	23-27	
		ATLAS P&P CMS Week	14-19 Top2013		
October	30-4	7-11	14-18	21-25	28-1
		ATLAS- Woche		CMS Upgrade	
November		4-8	11-15	18-22	25-29
				ATLAS P&P	
December	2-6	9-13	16-20	23-27	30-3
		CMS Week			



PHYSICS  
AT THE  
TERA  
SCALE  
Helmholtz Alliance

## Helmholtz Alliance PHYSICS AT THE TERASCALE

Deutsches Elektronen-Synchrotron DESY +++ Karlsruher Institut für Technologie - Großforschungsbereich +++ Max-Planck-Institut für Physik +++ Rheinisch-Westfälische Technische Hochschule Aachen  
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 Technologie - Universitätsbereich +++ Johannes Gutenberg Universität Mainz +++ Ludwig-Maximilians-Universität München +++ Universität Regensburg +++ Universität Rostock +++ Universität  
 Siegen +++ Julius-Maximilians-Universität Würzburg +++ Bergische Universität Wuppertal +++

### Analysis Centre Schools and Workshops 2013 (Selection)

**Introduction to Terascale Physics**  
 25 February - 1 March 2013  
[terascale.de/intro2013](http://terascale.de/intro2013)

**Computer Algebra and Particle Physics**  
 11 - 15 March 2013  
[terascale.de/capp2013](http://terascale.de/capp2013)

**Fast Simulation Workshop**  
 15-17 January 2013  
[terascale.de/fastsim2013](http://terascale.de/fastsim2013)

**Workshop "Monte Carlo Methods"**  
 19-21 February 2013  
[terascale.de/mc2013](http://terascale.de/mc2013)

**Statistics School 2013**  
 18-22 March 2013  
[terascale.de/statistics2013](http://terascale.de/statistics2013)

**Detector Workshop 2013**  
 26 February - 1 March 2013  
[terascale.de/detws2013](http://terascale.de/detws2013)

**Computing seminars:**  
<http://www.terascale.de/compsem>

**Analysis Centre seminars:**  
[http://www.terascale.de/anacentre\\_seminar](http://www.terascale.de/anacentre_seminar)

**Theorist of the month:**  
<http://www.terascale.de/tom>

January 2013: Nigel Glover (IPPP Durham)  
 February 2013: Michael Kraemer (Aachen)  
 March 2013: Rick Field (Florida)

[http://www.terascale.de/schools\\_and\\_workshops](http://www.terascale.de/schools_and_workshops)



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November					
December	2-6				

In preparation:

- Top workshop
- SUSY workshop
- Programming (2 – one basic, one advanced)
- PDFs / SM benchmarks (new PDF position?)

Helmholtz Alliance

## PHYSICS AT THE TERASCALE

Deutsches Elektronen-Synchrotron DESY +++ Karlsruher Institut für Technologie - Großforschungsbereich +++ Max-Planck-Institut für Physik +++ Rheinisch-Westfälische Technische Hochschule Aachen +++ Humboldt-Universität zu Berlin +++ Rheinische Friedrich-Wilhelms-Universität Bonn +++ Technische Universität Dortmund +++ Technische Universität Dresden +++ Albert-Ludwigs-Universität Freiburg +++ Justus-Liebig-Universität Gießen +++ Georg-August-Universität Göttingen +++ Universität Hamburg +++ Ruprecht-Karls-Universität Heidelberg +++ Karlsruher Institut für Technologie - Universitätsbereich +++ Johannes Gutenberg Universität Mainz +++ Ludwig-Maximilians-Universität München +++ Universität Regensburg +++ Universität Rostock +++ Universität Siegen +++ Julius-Maximilians-Universität Würzburg +++ Bergische Universität Wuppertal +++

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[terascale.de/detws2013](http://terascale.de/detws2013)
- Computing seminars:**  
<http://www.terascale.de/compsem>
- Analysis Centre seminars:**  
[http://www.terascale.de/anacentre\\_seminar](http://www.terascale.de/anacentre_seminar)

and\_workshops

## Theorist of the Month: Nigel Glover

from Tuesday 22 January 2013 at 08:00 to Friday 25 January 2013 at 18:00 (Europe/Berlin)  
at DESY Hamburg

### Future "Theorists of the Month"

January 2013: Nigel Glover (IPPP Durham)

February 2013: Michael Kraemer (Aachen)

March 2013: Rick Field (Florida)

April 2013: Matteo Cacciari (LPTHE Paris)

### DESY, Hamburg location, is seeking: Physicist (f/m)

#### DESY

DESY is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle physics.

The Analysis Centre of the Helmholtz Alliance "Physics at the Terascale" supports German physicists working on the LHC in areas like Monte Carlo generators and parton distribution functions (PDFs). In the field of PDFs, the Alliance supports the development of tools necessary for the determination of PDFs and the performance of measurements at the LHC which will have a clear impact on our understanding of proton structure. Furthermore, schools, seminars and workshops related to PDFs are organised.

#### The position

- Shaping of the PDF activities of the Analysis Centre
- Development, maintenance and support of the HERAFITTER framework
- Contributions to the SM physics programme at the LHC through analyses with impact on PDFs
- Organisation of relevant schools, workshops and seminars

#### Requirements

- Ph.D. in experimental particle physics
- Experience in data analysis at the LHC and preferably also at HERA
- Experience with PDF fits and the relevant tools, preferably HERA-PDF or HERAFITTER
- Good teamwork and communication skills

Please send your application including a CV, statement of research interests and publication list quoting and also arrange for three letters of reference to be sent to [recruitment@desy.de](mailto:recruitment@desy.de)

For further information contact Dr. Thomas Schörner-Sadenius, Tel. +49 40 8998 3429, [thomas.schoerner@desy.de](mailto:thomas.schoerner@desy.de)

The position is limited to 2 Years

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. There is an bilingual kindergarten on the DESY site.

Please send your application quoting the reference code,  
also by E-Mail to:

**Deutsches Elektronen-Synchrotron DESY**

Human Resources Department | Code: EM238/2012

Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-3392 |

E-Mail: [recruitment@desy.de](mailto:recruitment@desy.de)

**Deadline for applications: 17 December 2012**

**[www.desy.de](http://www.desy.de)**

Deadline yesterday;  
Interviews 25 January 2013

# AOB

- > Next meeting (suggestion): Tuesday, 5 February 2013, 14:30 hrs

