

Newsletter of the Analysis Centre in the Helmholtz Alliance "Physics at the Terascale" November 2011

News

With the conclusion of the "LHC Precision Predictions for Pedestrians" school in Freiburg in mid-October, the 2011 school programme of the Analysis Centre has come to an end. All in all, 2011 saw 7 major schools with about 250 registered participants. In addition, a number of workshops on diverse topics were either organised or supported by the Analysis Centre: As a particular highlight I would like to mention the "Standard Model Benchmarks" workshop in Zeuthen (June). Hopefully the "benchmarks" workshop series - started at FermiLab in November 2010 - will soon be continued with another workshop, probably again in the US.

Like in 2010, the overall feedback to the 2011 Analysis Centre events was excellent, encouraging us to continue the school programme as one of the key achievements of the Helmholtz Alliance in 2012. Concrete plans for the complete 2012 programme are currently finalised, and a rough outline will already be provided at the Annual Alliance Meeting in Bonn. We are already looking forward to seeing you at some of these occasions!

One special announcement we like to make today is about WHIZARD:

The [WHIZARD workshop](#) (21-23 November) will bring together theorists and experimentalists to discuss on topics concerning event simulations for LHC and future lepton colliders. The main physics topics will be BSM models and their automatized inclusion in WHIZARD, interfacing and automatising NLO calculations in WHIZARD, QCD developments like parton showers, matching, and multiple interactions. Also technical issues like parallelisation, performance, maintenance etc. will be covered. Experimental analyses and mass productions for the collider studies with the WHIZARD generator will be presented. Large space is allocated for round-table discussions about lines of development and improvement as well as tutorials. Persons not yet familiar with the WHIZARD generator are highly welcome, as there will be a thorough introduction into the program. Also, the physics topics are more or less independent from the precise implementation.

We also encourage you to register for the [5th Annual Workshop of the Terascale Alliance!](#)

Upcoming schools and workshops

WHIZARD - Event Generation for LHC, ILC, CLIC

Mon 21 November - Wed 23 November

at DESY Hamburg

<https://indico.desy.de/conferenceDisplay.py?confid=4681>

5th Annual Workshop of the Helmholtz Alliance "Physics at the Terascale"

Wed 7 December - Fri 9 December

in Bonn

<https://indico.desy.de/conferenceDisplay.py?confid=4421>

3rd LC Forum Meeting

Tue 7 February - Thu 9 February

at DESY Hamburg

<https://indico.desy.de/conferenceDisplay.py?confid=4980>

Introduction to Terascale Physics

Mon 5 March - Fri 9 March

at DESY Hamburg

<https://indico.desy.de/conferenceDisplay.py?confid=5063>

Monte Carlo School

Mon 12 March - Fri 16 March

at DESY Hamburg

<https://indico.desy.de/conferenceDisplay.py?confid=5064>

Top Quark Workshop

Thu 22 March - Fri 23 March

in Berlin

<https://indico.desy.de/conferenceDisplay.py?confid=5066>

Statistics School

Mon 26 March - Fri 30 March

at DESY Hamburg

<https://indico.desy.de/conferenceDisplay.py?confid=5065>