

Monte Carlo Coordination Meeting
Bonn, November 21, 2008

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on behalf of the analysis project board

MC in the alliance

Alliance funded positions:

- Analysis centre at DESY (one alliance position (Z. Nagy) plus ~ 4 DESY staff)
- YIG in Karlsruhe (S. Gieseke)
- Tenure track position in Wuppertal (M. Worek)
- Experimental fellow in Freiburg (M. Warsinsky)

Several other MC activities in D

- Siegen, Würzburg, Freiburg (Whizard)
- Sherpa (where?)
- MPI (Higgs)
- Experimental activities in ATLAS/CMS

Helmholtz Alliance

The idea of the Helmholtz Alliance is to help collaboration of the German groups and support them in their activities

Monte Carlo is an important topic inside the alliance

Means

- Analysis centre at DESY
- YIGs
- Fellows
- Virtual Theory Institute
- Analysis working groups

All should be used for MC activities

Activities

- 1st Monte Carlo school (April 08, mainly QCD)
- Regular meetings of the MC group in the analysis center (transmitted by EVO)
- Discussions weeks with MC experts (normally in HH, transmitted by EVO)
- 2nd Monte Carlo school (spring 09, focus new physics)

Purpose of this meeting

- Understand which MC work is done inside the alliance
- Discuss how to improve the collaboration between the groups

Discussion topics

(Incl. suggestions from Michael)

- Collaboration theory-theory
 - Can QCD groups help EW/searches groups like parton shower in Whizard?
 - Can we implement German NLO calculations in MC?
- Collaboration experiment-experiment
 - Common tuning effort inside experiment, between experiments?
- Collaboration experiment-theory
 - Common effort on tuning
 - Can experimentalists help to promote MC programs in ATLAS/CMS?