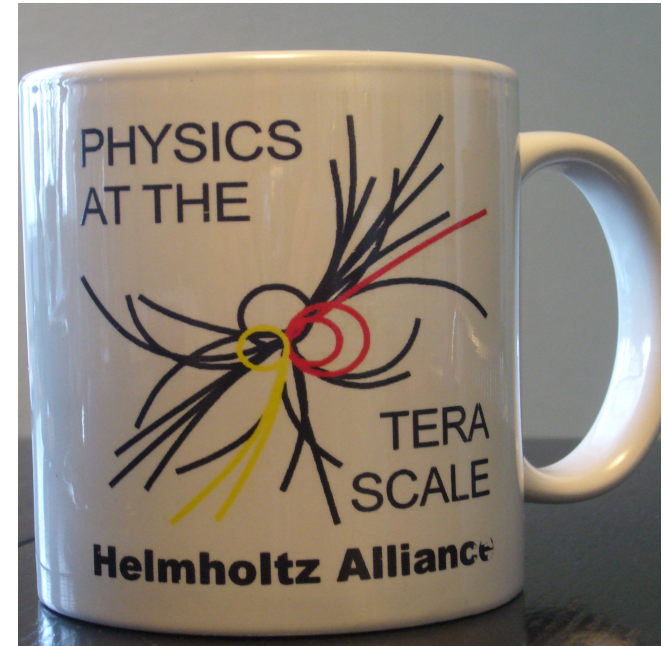


MC group meeting - 08. May 08

- Announcements
- HEPMC news
- GENSER validation
- QCDwiki
- AOB

Get your Monte Carlo school toys ...

- The necessary tool for a true Monte Carlo event generator:
Dices with LHC processes are available at the registration desk: 2 Euro
- For your Coffee/Tea breaks:
cups with Terascale Logo are available at the registration desk: 5 Euro



TOOLS workshop

- The aim of the Workshop is to review the main calculational tools, such as generators and Monte Carlos, for searches of the New Physics at present and future colliders as well as in non-collider physics experiments such as dark-matter searches. Issues and codes pertaining to the background will also be covered. The workshop is structured around
 - i) a series of talks (with and without software demo),
 - ii) tutorials
 - iii) round-table discussions

To register, please access

<http://wwwth.mppmu.mpg.de/tools08/>

H. Jung, DESY, 08-05-08

TOOLS
FOR THE NEW PHYSICS AND ITS BACKGROUND
2008
JUNE 30 – JULY 4, 2008
MAX-PLANCK-INSTITUT FÜR PHYSIK
MUNICH, GERMANY
<http://wwwth.mppmu.mpg.de/tools08>
tools08@mppmu.mpg.de

SIXTH FRAMEWORK PROGRAMME
MARIE CURIE ACTIONS
EUROPEAN UNION

INTERNATIONAL SCIENTIFIC COMMITTEE

H. BAER	J. ORLOFF
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A. FREY	

HEPMC news

- HEPMC: problems during the MC school... can we solve them



MC group validation

• GENSER validation (proposal by M. Kirsanov)

Ordinary tests

pythia8

1. EP - conservation, multiplicities M. Kirsanov
2. Cross section of processes (use pythia6 test4 as the list) A. Polyarush
3. Double interactions M. Kirsanov

powheg

1. Basic tests to be defined

tauola

1. Test with Higgs production and decay to tau
2. As 1, but with pythia8

herwig++

1. Improve test1: Z+jet instead of Z M. Kirsanov
2. Print final cross section from the user part
3. Run herwig++ through the ThePEG framework M. Kirsanov?
4. Basic tests: EP - conservation, multiplicities
5. Test with Higgs production and decay to tau (spin correlations as in tauola)
6. Radiative corrections (as in photos)?

MC group validation

- GENSER validation (proposal by M. Kirsanov)

Ordinary tests

sherpa

1. Basic test with event analysis

photos

1. Test with pythia8

evtgenlhc

1. Test with photos

CASCADE ????

Rivet tests

validation

- who can work on this ?
- regular progress reports !
-

PDF4MC

- who can work on this ?
- regular progress reports
-

next projects

- QCDwiki
 - idea of wikipedia for QCD including HERA results
 - get web-office experts involved (have now very good experience with IT support...)

next projects

- web based tools:
- twiki pages ?

The screenshot shows a web browser window with the URL <http://wofwiki1/wiki/index.php/Hauptseite>. The browser's address bar and tabs are visible at the top. The page header features the 'PHYSICS AT THE TERA SCALE' logo on the left, the title 'PHYSICS AT THE TERA SCALE Strategic Helmholtz Alliance' in the center, and the 'HELMHOLTZ GEMEINSCHAFT' logo on the right. Below the header is a navigation bar with tabs for 'Seite', 'Diskussion', 'Quelltext betrachten', and 'Versionen/Autoren'. The main content area is titled 'Hauptseite' and contains a message in German: 'Bitte dieses Wiki zum testen benutzen um die eignung fuer Terascale Alliance und DESY / LHC-D gruppen wikis festzustellen. Diese seite ist geschuetzt im rahmen des tests (kann nur von registrierten benutzern editiert werden - bitte account erstellen). --Gbrandt 13:47, 20. Apr. 2008 (UTC)'. Below this is a section titled 'Feature Test Matrix' which contains a table with three columns: 'Feature', 'Testseite', and 'Comments (please sign)'. The table is divided into two sections: 'Builtin' and 'Extensions'. The 'Builtin' section has one row with 'Markup / Editing' in the 'Feature' column, 'Sandbox' in the 'Testseite' column, and 'Kommentare in der [Sandbox](#) sammeln.' in the 'Comments' column. The 'Extensions' section has a link to 'mehr Infos: http://www.mediawiki.org/wiki/Extension_Matrix' followed by a table with three rows: 'Email Digest' with 'n/a', 'EmailToWiki' with 'n/a', and 'SimpleForms' with an empty 'Testseite' column. A fourth row 'New User Email' is partially visible at the bottom. On the left side of the page, there is a sidebar with a 'Navigation' menu containing links like 'Hauptseite', 'Wofwiki-Portal', 'Aktuelle Ereignisse', 'Letzte Änderungen', 'Zufällige Seite', 'Hilfe', and 'Spenden'. Below this is a 'Search' box with 'Seite' and 'Suchen' buttons. At the bottom of the sidebar is a 'Werkzeuge' section with links like 'Links auf diese Seite', 'Änderungen an verlinkten Seiten', 'Hochladen', 'Spezialseiten', 'Druckversion', 'Permanentlink', and 'Als PDF ausgeben'.

PHYSICS AT THE TERA SCALE Strategic Helmholtz Alliance

HELMHOLTZ GEMEINSCHAFT

Navigation

- Hauptseite
- Wofwiki-Portal
- Aktuelle Ereignisse
- Letzte Änderungen
- Zufällige Seite
- Hilfe
- Spenden

Search

Seite Suchen

Werkzeuge

- Links auf diese Seite
- Änderungen an verlinkten Seiten
- Hochladen
- Spezialseiten
- Druckversion
- Permanentlink
- Als PDF ausgeben

Hauptseite

Bitte dieses Wiki zum testen benutzen um die eignung fuer Terascale Alliance und DESY / LHC-D gruppen wikis festzustellen.

Diese seite ist geschuetzt im rahmen des tests (kann nur von registrierten benutzern editiert werden - bitte account erstellen). --Gbrandt 13:47, 20. Apr. 2008 (UTC)

Feature Test Matrix

Feature	Testseite	Comments (please sign)
Builtin		
Markup / Editing	Sandbox	Kommentare in der Sandbox sammeln.
Extensions		
mehr Infos: http://www.mediawiki.org/wiki/Extension_Matrix		
Email Digest	n/a	
EmailToWiki	n/a	
SimpleForms		
New User Email		

web based tools

- are we satisfied with the twiki page ?
- what else is needed ?

AOB

