



Introduction to the October LCG Generator meeting

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LCG-Generator: Work Packages and Milestones



- ◆ **WP1: GENERATOR LIBRARY**
- ◆ **WP2: STORAGE, EVENT INTERFACES AND PARTICLE SERVICES (INTERPLAYS)**
- ◆ **WP3: COMMON EVENT FILES, EVENT DATA BASE**
- ◆ **WP4: TUNING AND VALIDATION OF EVENT GENERATORS**

◆ **Milestones**

- ◆ **WP1: GENSER Beta (released on schedule end September 2003)**
 - ◆ Currently being tested by experiments
 - ◆ New librarian I.Seluzhenkov (now at CERN), S. Makarychev still active from remote
- ◆ **WP1: First C++ Generator in GENSER (end 2003)**
 - ◆ Feasibility study for Sherpa inclusion
- ◆ **WP2: Agreement on formats for common samples (end 2003)**
 - ◆ October and November LCG Generator meetings dedicated to this topic
- ◆ **WP1: COMPHEP, ALPGEN, EVTGEN and LHAPDF in GENSER (end 2003)**
- ◆ **WP3: MCDB in production in the LCG environment (end January 2004)**
 - ◆ LCG Contact person A.Sherstnev
- ◆ **WP3: Proposal for event production environment (end March 2004)**
- ◆ **WP4: Proposal for validation framework (end June 2004)**
 - ◆ V.Oujinski already active in this area



Subpackage versions and test code currently installed in the LCG environment

Package versions pursued for inclusion have been indicated by the contact persons in MC projects and/or by the volunteered beta testers. Further versions and test code can be installed easily

- 1) HERWIG (contact person P.Richardson): 6.500, 6.503, 6.504
 - Examples from <http://hepwww.rl.ac.uk/theory/seymour/herwig/herwig65.html>
- 2) PYTHIA (contact person T.Sjöstrand): 6.205, 6.217, 6.220
 - Examples from <http://www.thep.lu.se/~torbjorn/Pythia.html>
- 3) HIJING (contact person X.Nian): 1.36, 1.37, 1.383
 - No examples available for the time being
- 4) Isajet (contact person still to be suggested by the authors): 7.67
 - Examples available in the Isajet distribution
- 5) Sherpa (contact person F.Krauss)
 - Examples from <http://www.physik.tu-dresden.de/~krauss/hep/index.html>
- 6) MCDB (contact person A.Sherstnev)
 - Examples available in the MCDB distribution



Organisational Issues

WEB page:

<http://lcgapp.cern.ch/project/simu/generator>

-- links to relevant documents and to CVS repository

[CDS Agenda Home](#) > [Projects](#) > [LHC Computing Grid](#) > [Physics Generators](#)

-- minutes of meetings, slides of presentations

Applications area mailing list:

project-lcg-simu@cern.ch

Meetings:

-- Kick off meeting in June (mini-workshop)

-- During MC4LHC workshop (in July)

-- Last Thursday of the month at 5 PM in 32-1-A24
(VRVS connection in Desert or in Island room)

-- September meeting → The GENSER beta release

-- October meeting anticipated to Thursday 16th.