Announcements

MC position

DESY, Hamburg location, is seeking:

A Scientist

The Analysis Centre of the Helmholtz Alliance "Physics at the Terascale" at DESY supports physicists at German universities and institutes working on analyses at ATLAS, CMS and ILC in areas like Monte Carlo generators, parton distribution functions and statistics tools. The Monte Carlo group is one of the major activities of the Analysis Centre and provides maintenance, support, validation and tuning of existing Monte Carlo event generators.

The position
- Active contribution to and shaping of the above topics
- Participation in new developments of general purpose Monte Carlo generators

Requirements
- Ph.D. in physics
- Experience in the simulation of higher order contributions and the development of parton showers in Monte Carlo event generators is welcome

The position will be for an initial duration of five years and can become permanent in case of positive evaluation. If the successful candidate already holds a permanent position it can be made permanent from the beginning.

For further information you may also contact Klaus Mönig (klaus.moenig@desy.de) and Hannes Jung (hannes.jung@desy.de).

Applications including a letter of application, CV, academic records as well as a list of publications and the names of three persons who can provide further information about the candidate should be addressed to:

Prof. Ian Brock (Scientific Manager of the Helmholtz Alliance) DESY, Notkestraße 85, D-22607 Hamburg (Ian.Brock@desy.de)

Salary and benefits are commensurate with those of public service organisations in Germany. 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 English-speaking Kindergarten on the DESY site.

Closing date for applications is 15 June 2008.

- 18 highly qualified applications
- both theory and experiments
- Commission:
  K. Moenig, D. Zeppenfeld, M. Kramer, J.Katzy, H. Jung, I. Brock, J. Mnich, T. Sjostrand

- **Position filled:**
  Zoltan Nagy will start on 1. Sept.

Ana – center

- New leader of analysis center
  - **Thomas Schoerner** has been appointed and will start 1. Oct.
    - he will discuss with us on the future plans and goals and ....
- Ana – center:
  - MC group will be part of ana-center group
  - Thomas will be group leader, and our responsible person

  - after renovation of Bldg 1, Ana-center should be at a central place, with experiments grouped around it ....
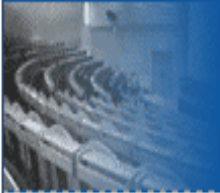
Program of MC group (I)

- contact to LHC experiments
  - attract people from experiments
  - contact experiments on what is needed
  - plans for 1st data taking and analysis at LHC
- contact to HERA experiments
  - what is needed for HERA analyses
  - updates for Monte Carlos ?
  - attract HERA people for whole issue on tuning / validation etc
    - use results of discussion which started at DIS08
- plan for new MC developments
  - collinear QCD
  - kt - factorisation

Program of MC group (II)

- web based tools
  - FAQ pages
  - ticketing system
  - internal publication database
  - QCD – pedia ...
  - lectures:
    - MC lecture from DESY summerstudent program
    - etc
- computing: NAF & GRID
- studentships and practical exercises
  - define program
- what else ?
- need responsibles for each item !

Agenda

Analysis Center: MC group

Thursday 21 August 2008
from **10:30** to **12:40**
chaired by: *Hannes Jung (DESY)*
support: hannes.jung@desy.de

Description: modification key: mcgroup

Thursday 21 August 2008 |

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10:30 Announcements (10')   Hannes Jung (*DESY*)

10:40 Report from PDF4LHC workshop at CERN (15')

10:55 News on MCtester (10')   Qin Zhongua

11:05 New from validation and genser installation (20')   Serguei Levonian

PDF4LHC meeting ....

Sept 4 @ CERN http://indico.cern.ch/conferenceDisplay.py?confId=38913

PDF4LHC Meeting

Thursday 04 September 2008
from **10:00** to **18:00**
Europe/Zurich
at **CERN** (*40-S2-A01*)
chaired by: *Albert De Roeck*

Description: Meeting of the PDF4LHC Study group

Topics for this meeting

- Heavy flavor related discussions
- discussion on including photon (+jet) data in PDFs
- discussion on EW effects in PDFs
- W/Z asymmetry data
- follow up on the exercises of the last meeting

FULL AGENDA to appear here soon...

AOB

- Web based tools
- using of NAF and GRID