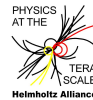


Analysis Centre Meeting

22 February 2011

Thomas Schörner-Sadenius



AGENDA

- > One-day workshop on “Perspectives of the Analysis Projects”, 23. February, DESY SR 3.
 - Results of the “Portfolio” process
 - See extra slides
- > Future schools and workshops in 2011
- > ”Theorists of the week”
 - Sjöstrand coming 28 February – 4 March
 - Further ideas?
- > AOB
 - Next meeting: 21 March, 9:30 – 11:00 (note LHC Physics Discussion at 11:00)?

FUTURE SCHOOLS AND WORKSHOPS (1)

- > Introduction to Terascale Physics, 21-25 February
- > Monte Carlo School, 14-18 March
- > Statistics Tools School (+BAT tutorial), 4-8 April (Mainz)
- > Computer Algebra and Particle Physics, 21-25 March (Zeuthen)
- > Top Quark Workshop, 7/8 April (Wuppertal)
- > Geant4 Training event (Calorimetry), 10-13 May, Zeuthen
- > SM Benchmark Processes at High-Energy Hadron Colliders, 15-17 June (Zeuthen)
- > Heavy Flavour Workshop, 15-17 June
- > Single-top and fourth-generation quarks, 5/6 September
- > LHC Precision Predictions for Pedestrians, 10-14 October (Freiburg)
- > Multi-parton interactions, 21-25 November

FUTURE SCHOOLS AND WORKSHOPS (2)

- > MC Technologies?
- > Resummation?
- > Fitting?
- > Next BSM parameters workshop (fall?)
- > “Unified access to MC generators”?
- > ... your ideas?

SJÖSTRAND AT DESY

- > 28 February – 4 March
- > DESY / Analysis Centre seminar,
- > 1 March, 17:00, Auditorium
- > Common CMS / ATLAS discussion, Wednesday, 2 March, 10:00, CMS control room
- > Common farewell / wrap-discussion, Friday, 4 March, 15:00, place to be defined
- > Ideas for future TOWs?

PHYSICS
AT THE
TERASCALE
Helmholtz Alliance

Deutsches Elektronen-Synchrotron DESY +++ Karlsruher Institut für Technologie - Großforschungsbereich +++ Max-Planck-Institut für Physik +++ Rheinisch-Westfälische Technische Hochschule Aachen +++ Hamburg-Universität zu Berlin +++ Rheinische Friedrich-Wilhelms-Universität Bonn +++ Technische Universität Dortmund +++ Technische Universität Dresden +++ Albert-Ludwigs-Universität Freiburg +++ Justus-Liebig-Universität Gießen +++ Georg-August-Universität Göttingen +++ Universität Hamburg +++ Ruprecht-Karls-Universität Heidelberg +++ Karlsruher Institut für Technologie - Universitätsbereich +++ Johannes Gutenberg-Universität Mainz +++ Ludwig-Maximilians-Universität München +++ Universität Regensburg +++ Universität Rostock +++ Universität Siegen +++ Julius-Maximilians-Universität Würzburg +++ Bergische Universität Wuppertal +++

Theorist of the Week

Prof. Torbjörn Sjöstrand
(Lund University)



During his stay at DESY, Prof. Sjöstrand will present a seminar, will be available for questions and will, towards the end of the week, summarise the discussions he had. Contact details will be published at the URL given below.
More information about Professor Torbjörn Sjöstrand can be found at: <http://home.thep.lu.se/~torbjorn/>

27 Feb. - 5 March 2011
DESY, Hamburg

Professor Sjöstrand can be found in room 02-509 (building 1d), phone 049-40-89983429

Seminar:
Tuesday, 1 March 2011, 17.00 h, DESY Lecture Hall

Progress on event generation with Pythia 8

The new version of the well-known Pythia event generator is introduced and reviewed. Several recent studies are summarized, such as improved process-generic behaviour of showers, multiparton interactions with rescattering and an x-dependent proton size, diffractive events, and modelling of BSM physics notably in Hidden Valley scenarios. Prospects and first experience with tunes to LHC data will also be presented, and finally future directions of program development.

EVO connection:
Title: Analysis Centre Seminars, Description: Analysis Centre Seminars
Community: Terascale, Phone Bridge ID: 1312410
Meeting URL:
<http://evo.vrvs.org/evoGate/koala.php?meeting=MaMDM1222sDeDi9M8BD9a>

For more details about the theorist of the week, please have a look at:
www.terascale.de/tow