Introduction and goals

Next Steps in Les Houches Event format (LHEF): An overview and discussion

CERN, 25th Oct., 2013

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Aim of this meeting

Review of current proposals on Les Houches Accord event format (LHEF)

Discussion on requirements (from MC authors) given the schema evolution

    - store various event properties

    - information on suggested shower starting scales.

    - event weights associated with scale, PDFs etc.

Experimental constraints and needs

    - changes in setups, systematic treatments

    - issues with implementation, etc.

Experience with extended LHE2.0 format and feedback

Aim to decide/agree on a common format that satisfies both MC generators as well as experimental communities
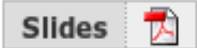
Documents and Timetable

The current LHEF proposal can be found at:

http://phystev.in2p3.fr/wiki/2013:groups:tools:lhef3

Agenda for this meeting:

https://indico.cern.ch/conferenceDisplay.py?confId=277733

Friday, 25 October 2013

14:00 - 14:10	**Introduction and goals** 10'	
	Speaker: Sanjay Padhi (Univ. of California San Diego (US))	
14:10 - 14:55	**Next Steps in Les Houches Event format (LHEF)** 45'	
	Speaker: Leif Lönnblad (Lund University (SE))	
	Material: **Slides** 🔴	
14:55 - 15:25	**Employing an extended LHE 2.0 format in MadGraph5_aMC@NLO** 30'	
	Speakers: Rikkert Frederix (CERN), Benjamin Fuks (Institut Pluridisciplinaire Hubert Curien (FR))	
15:25 - 15:45	**Discussions** 20'	

Discussions are particularly important to come to a common solution

- Your participation, questions and suggestions are crucial for the next steps