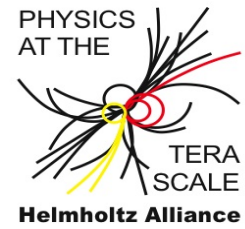


**1<sup>st</sup> Terascale Monte Carlo  
School  
21 – 24 April 2008**



**Questionnaire results for Monte Carlo school**

Nr of returned forms: 36

## Lectures:

- Monte Carlo techniques and physics (Leif Loennblad, Lund)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- NLO Calculations (Zakaria Merebashvili, Hamburg)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- MC and parton showers (Michael Dinsdale , Mainz)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- Minimum bias/underlying event physics with PYTHIA (Torbjorn Sjostrand , Lund)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- Spin Correlations with HERWIG (Stefan Gieseke , Karlsruhe)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- Multijet matching (Steffen Schumann)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic
  
- Parameter fitting and PDF4MC (Henrik Hoeth, Lund; Albert Knutsson, Krzysztof Kutak, DESY)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic

too difficult	ok	too simple
2	33	
	33	
1	33	
20	14	1
12	18	
6	25	
11	17	
8	21	
5	14	
1	33	
	33	
1	32	
11	21	
9	22	1
3	29	
8	17	
3	23	
4	23	
2	28	2
4	27	
2	30	

## Monte Carlo generator lectures and exercises:

- CASCADE (Hannes Jung , DESY)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic:
    - Exercises
      - content of lecture:
      - presentation of lecture:
      - motivation of exercise:
  
- PYTHIA (Torbjoern Sjostrand , Lund)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic:
    - Exercises
      - content of lecture:
      - presentation of lecture:
      - motivation of exercise:
  
- HERWIG (Stefan Gieseke, Karlsruhe )
  - content of lecture:
  - presentation of lecture:
  - motivation of topic:
    - Exercises
      - content of lecture:
      - presentation of lecture:
      - motivation of exercise:
  
- SHERPA (Steffen Schumann)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic:
    - Exercises
      - content of lecture:
      - presentation of lecture:
      - motivation of exercise:
  
- Rivet - tutorial (Lars Sonnenschein, CERN)
  - content of lecture:
  - presentation of lecture:
  - motivation of topic:
    - Exercises
      - content of lecture:
      - presentation of lecture:
      - motivation of exercise:

too difficult	ok	too simple
4	23	
2	24	
3	22	1
	8	1
	9	
	9	
1	27	2
	28	2
	28	2
1	21	3
2	21	1
1	21	2
3	20	
2	21	1
1	22	1
	11	4
1	11	3
	14	3
4	17	
3	18	
2	19	
	20	
	20	
	20	
2	19	1
3	18	1
2	18	3
	11	7
	14	2
1	14	3

**Missing items:**

- what else should have been covered

**Comments:**

- HepMC, PDFs in MC generators
- more physics in the exercises
- ALPGEN

**Overall Organisation:**

- announcement of school:
- invitation
- information before arrival
- computing facilities
- video recording

**Environment at DESY:**

- breakfast, lunches at DESY

**Accommodation:**

- hostel reservation/booking

**Social Program:**

- welcome reception:
  - food,drinks, etc
  - contact, talking to colleagues
- business dinner
  - food,drinks, etc
  - contact, talking to colleagues

bad	ok	good
1	12	22
1	12	22
2	13	20
3	8	22
	10	16
7	13	7
	1	21
1	9	20
	10	20
	12	21
	4	24

## Further Comments, Suggestions and Critics:

- General points;
  - Questionnaire is bad
  - introductory literature on the web
  - registration was not open at 10:00 on Monday although announced in emails
  - announce the work program (ROOT etc) before and give short intro
  - announce excursions earlier
  - perfect organisation of school: time table of talks/sessions/breaks, very good detailed exercise sheets.
  - very interesting, learned a lot
  - nice organisation, stress-less and familiar
  - got in contact with MC authors
  - good contact to other participants, nice tutorials
  - for beginners the level was too high
  - student talks should be better prepared, comparisons only by one person
  - less talks, more exercises
  - allow more time for questions and discussion
  - great idea to present the exercises in a final session
  - don't laptop at dinner, decouple business from social events
  
  - organised suggestion for going out in the evening without program
- Lecture
  - introduction of program was fine, maybe a little too fast for beginners
  - explain key terminology in an extra lecture: from what is pt, eta, PDF up to underlying events, diffraction etc.
  - lessons were really good
  - bring more methods: MC algorithms, not only "code runners"
  - lectures concentrated too much on theoretical aspects, need lectures on experimental aspects and Howto's, especially for young experimenters who never heard about this kind of QCD
  - lectures seem to focus on MC developers rather than users
  - should match more the needs of experimentalists
    - motivation was fine, but solutions too long and too theoretical
  - talks are more conference talks than lectures, spend more time on the motivation rather than the solution
- Exercises
  - for exercises: more disk space
  - more exercises
    - do not change to other generators
    - learn more than only the basics
    - better organisation of presentation of exercise results
  - better announcement of schedule for the exercises
    - push to finish more work during the exercises
  - lot of thanks to experts in the exercises, they were very patient

