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Subject: one more week left

Posted by [Paul Buehler](#) on Thu, 10 Apr 2008 14:11:01 GMT

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Dear colleagues,

I prepared a schedule for the days remaining until the start of the Data Challenge (summarizing what has been discussed so far). It is displayed on <http://panda-wiki.gsi.de/cgi-bin/view/Computing/DataChallenge1#Schedule>. Inputs, comments are highly appreciated. I will try to coordinate the final steps to be able to run the jobs on 17.-19. April.

The packages will have to be finalized very soon, installed and tested on the sites, and we have to decide on the macros to run. As a first step I would like to grasp the current status. Could you please help with this?

\* Packages:

Can you Soeren, please summarize the status of the software. What is the current status, what is left to do?

\* Macros:

The latest proposal by Soeren was (or did I miss something?)

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stt

===

```
root -b runsim.C"(nEvents,pT)"
```

```
root -b rundigi.C
```

```
root -b runreco.C
```

pT=30,40,50,...100 MeV/c

pT=100,200,300,...,1000 MeV/c

pT=1,2,3,...,7.5 GeV/c

10,000,000 events each

tpc

===

```
root -b run_sim_tpcmvd.C"(nEvents,pT)"
```

```
root -b run_rectrack_tpcmvd.C
```

pT=30,40,50,...100 MeV/c

pT=100,200,300,...,1000 MeV/c

pT=1,2,3,...,7.5 GeV/c

10,000,000 events each

dpm

===

Events and beam momenta for dpm will be proposed tomorrow

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Soeren, do you want to update?

What about the UrQMD and the fast sim macros Johan has already installed and tested on the grid?

Could you, Soeren and Johan, please try to make a concise list of possible simulations to run, based on the packages which will be available for the DC01?

Can you Johan please summarize the status of the macros and the jdl's. Examples for UrQMD and the fast sim are obviously ready. What about the other simulations (stt, tps, dpm)? Will you be able to take care of this?

\* Storage:

One event is 250 Bytes (the number was given by Soeren). Is this true for any of the proposed simulations (UrQMD)? If yes then we most probably have far enough storage capacity (1TB ~ 4.E9 events).

\* CPU time

Can someone give a (rough) estimate of the CPU time used per event? This number would help to decide on the number of events to submit (per job, total).

Cheers,

Paul

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