
Subject: Fluka is available now!

Posted by [Mohammad Al-Turany](#) on Fri, 28 Mar 2008 08:35:46 GMT

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Dear colleagues,

Tfluka is now available and can be used for simulation in FairRoot, for more details see:

<http://fairroot.gsi.de>

Best regards,
Mohammad

Subject: Re: Fluka is available now!

Posted by [Stefano Spataro](#) on Fri, 28 Mar 2008 10:32:50 GMT

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I have tried to download Fluka from the website without any success.
After some tries I have received a mail from the administrator:

At present we have technical problems with the server and the download procedure of FLUKA seems broken.

I hope we can fix it next week.

Sorry

Giuseppe Battistoni
for the FLUKA team

So, let's postpone our tests to next week.

Just to let you know.

Subject: Re: Fluka is available now!

Posted by [Stefano Spataro](#) on Fri, 28 Mar 2008 15:56:06 GMT

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Hello,
finally I was able to install fluka and fluka_vmc.

Everything ok, apart that when I try to run a sim_emc.C macro with TFluka option I had the following error:

```
Warning in <TFluka::InitPhysics>:  
Cannot open file coreFlukaVmc.inp
```

I thought, maybe some configuration file is missing somewhere in the PandaRoot repository?

So I copied the file gconfig/run_fluka.sh in my emc directory, and a directory called fluka_out was created.

I moved there, copied my sim_emc.C and run it... and my error went away.

So... FLUKA is now running in the Gießen cluster!

Subject: Re: Fluka is available now!

Posted by [Johan Messchendorp](#) on Sun, 30 Mar 2008 12:02:19 GMT

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Hi,

I also tried it on my virtual linux machine (Ubuntu, gcc4.1.3, gfortran). Similar to Stefano, also I had to copy some script and files to make it work. However, after successfully finding the relevant files, it crashes on the second event in "sim_emc.C":

```
-----
detector I/Os: CbmGenericParlo
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)
==> Inside FLUKAM!!!
  * ITIMES = 1 LFDRTR = T
<== Outside FLUKAM!!!
Event: 0 R:0.00s C:0.00s
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)
==> Inside FLUKAM!!!
  * ITIMES = 1 LFDRTR = T

*** Break *** floating point exception
Using host libthread_db library "/lib/tls/i686/cmov/libthread_db.so.1".
Attaching to program: /proc/6051/exe, process 6051
[Thread debugging using libthread_db enabled]
[New Thread -1224935744 (LWP 6051)]
0xffffe410 in __kernel_vsyscall ()
error detected on stdin
The program is running.  Quit anyway (and detach it)? (y or n) [answered Y; input not from
terminal]
-----
```

Nevertheless, I have some positive news as well: On the Opteron cluster at the University of Groningen (AMD, Debian, gcc3.3.5, g77) Fluka runs ok.

Best wishes,

Johan.

Subject: Re: Fluka is available now!

Posted by [Johan Messchendorp](#) on Sun, 30 Mar 2008 12:07:52 GMT

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update, on Ubuntu with g77 it works..

Johan
