

# Update on LUXE GEANT4 Geometry.

Oleksandr Borysov

# Jobs failure

Dear BIRD support team,

I just discovered that my jobs failed only on two CE:

bird852.desy.de (1384 jobs)

and

batch1186.desy.de (423 jobs)

On bird852 the error log is the following:

```
mkdir: cannot create directory './amd64_rhel70': Permission denied
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```

```
bashrunsim_mc.sh: line 8: /cvmfs/sft.cern.ch/lcg/releases/LCG_97/Geant4/10.06.p01/x86_64-centos7-gcc8-opt/Geant4-env.sh: Transport endpoint is not connected
```

```
bashrunsim_mc.sh: line 9: /cvmfs/sft.cern.ch/lcg/releases/LCG_97/Geant4/10.06.p01/x86_64-centos7-gcc8-opt/bin/geant4.sh: Transport endpoint is not connected
```

```
/nfs/dust/ilc/user/oborysov/runjlx/hics/lxsim_hics_63452ae7/lxsim/lxbeamsim: error while loading shared libraries: libG4Tree.so: cannot open shared object file: No such file or directory
```

On batch1186.desy.de it is less clear but maybe you could understand it.

```
/nfs/dust/ilc/user/oborysov/runjlx/hics/lxsim_hics_63452ae7/lxsim/lxbeamsim: error while loading shared libraries: /lib64/libXp.so.6: file too short
```

Hi !

Both Nodes has cvmfs-problems ... i've disabled both machines ...

cheers,

martin

On Mon, 12 Oct 2020, Borysov, Oleksandr (via RT) wrote:

# HICS MC G4 processing status

<https://confluence.desy.de/display/LS/GEANT4+MC>

IPstrong\_V1.1.00  
JETI40  
e\_laser 16.5GeV

MC	# MC out (BX)	Processed (BX)	Location	Notes
w0_10000nm	474	474	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_10000nm.txt	
w0_50000nm	4764	4279	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_50000nm.txt	
w0_20000nm	468	468	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_20000nm.txt	
w0_20000nm	468	468	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_20000nm_mag2t.txt	IP magnet 2T, electrons above 16.2 GeV excluded
w0_10000nm	675	658	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_10000nm.txt	
w0_8000nm	9479	9479	/nfs/dust/ilc/user/oborysov/hics_list /list_root_hics_165gev_w0_8000nm.txt	
w0_3000nm	9508	Running short test to collect output of successfully completed jobs		

# Link on the LUXE webpage

GEANT4 simulation - Mozilla Firefox (Private Browsing)

GEANT4 simulation x +

https://luxedeasy.de/internal/software/g4\_simulation/index\_eng.html

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**G4 simulation**

GEANT4 simulation

> LUXE GEANT4 simulation [↗](#)

Link to the updated information about LUXE GEANT4 simulation

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