

# NDGF status and plans for 3D operations

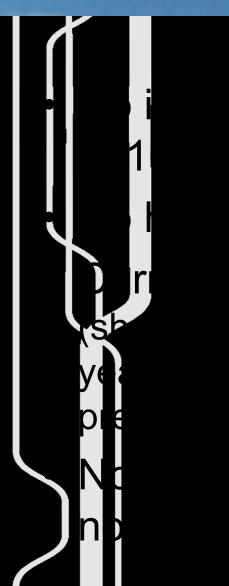
Jon Westgaard NDGF / University of Oslo

November 2010





# F Status for 3D operations (ATLAS)



with current RAC cluster in

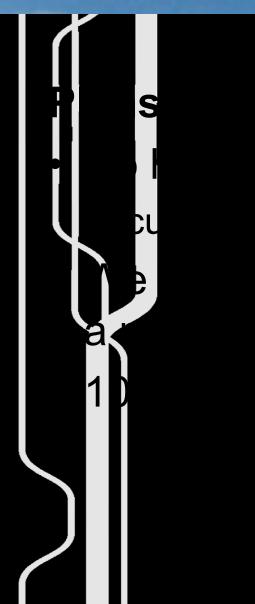
are changes since last workshop

12% of the storage is used enough storage for the next couple of rding to the growth estimates ATLAS yesterday)

load on our cluster since we do any Frontier server



### Plans for 3D operations



**1011** 

are changes planned

HW in warranty until May 2012

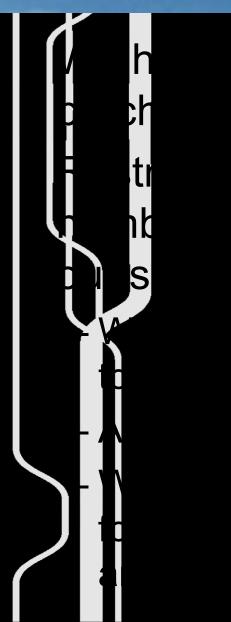
have to move the 3D hardware to

Ilding next to the current location

upgrade



# Plans for 3D operations



b be able to start applying PSU ain (but will follow CERN recommendations)

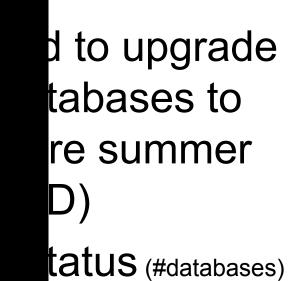
3D database access to a limited networks would be welcome by y officer

only two other databases that are open

databases have ACLs in access routers p.invited\_nodes in sqlnet.ora as well ained access control (sqlnet.ora files ated from a repository)



#### **Database upgrades**





Our DBA group, 9 Oracle DBAs and 2 PostgreSQL DBAs

10.2.0.4 207 11.2.0.1 28 11.2.0.2 13

is to run no more than ted) versions of Oracle