
CompGrid

Behind great computational
life science discovery are
powerful hardware.



CHALLENGES WITH LOCAL COMPUTING RESOURCE MANGEMENT

Cluster Owners

Computing cluster setup
Bootstrapping custom cluster interfaces

Cluster Users

Request & Deallocate compute resources
Compute resource usage
Technical Troubleshooting

Billing

Emails, Phone Calls, Forms
Grant Budget Codes
Manual tracking of resource usages

STATISTICS

Out of 6 labs and 18 researchers (including PI, Postdoc, and Grad Students)



85%

of Labs Reported
Frustration with Current
Cluster Access
Processes

70%

of Researchers Cited
Administrative Burden as
a Barrier to Efficient Use of
HPC Resources

90%

of Labs Showed Interest
in a User-Friendly
Platform for Cluster
Management

local computing resource
management
simplified.



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