



Enabling Grids for  
E-science in Europe

[www.eu-egee.org](http://www.eu-egee.org)

*GENIUS/GILDA Tutorial, Catania, 24-25.05.2004*

# Job Services with Genius Portal

Giuseppe La Rocca  
EGEE NA4 Generic Applications



# Contents

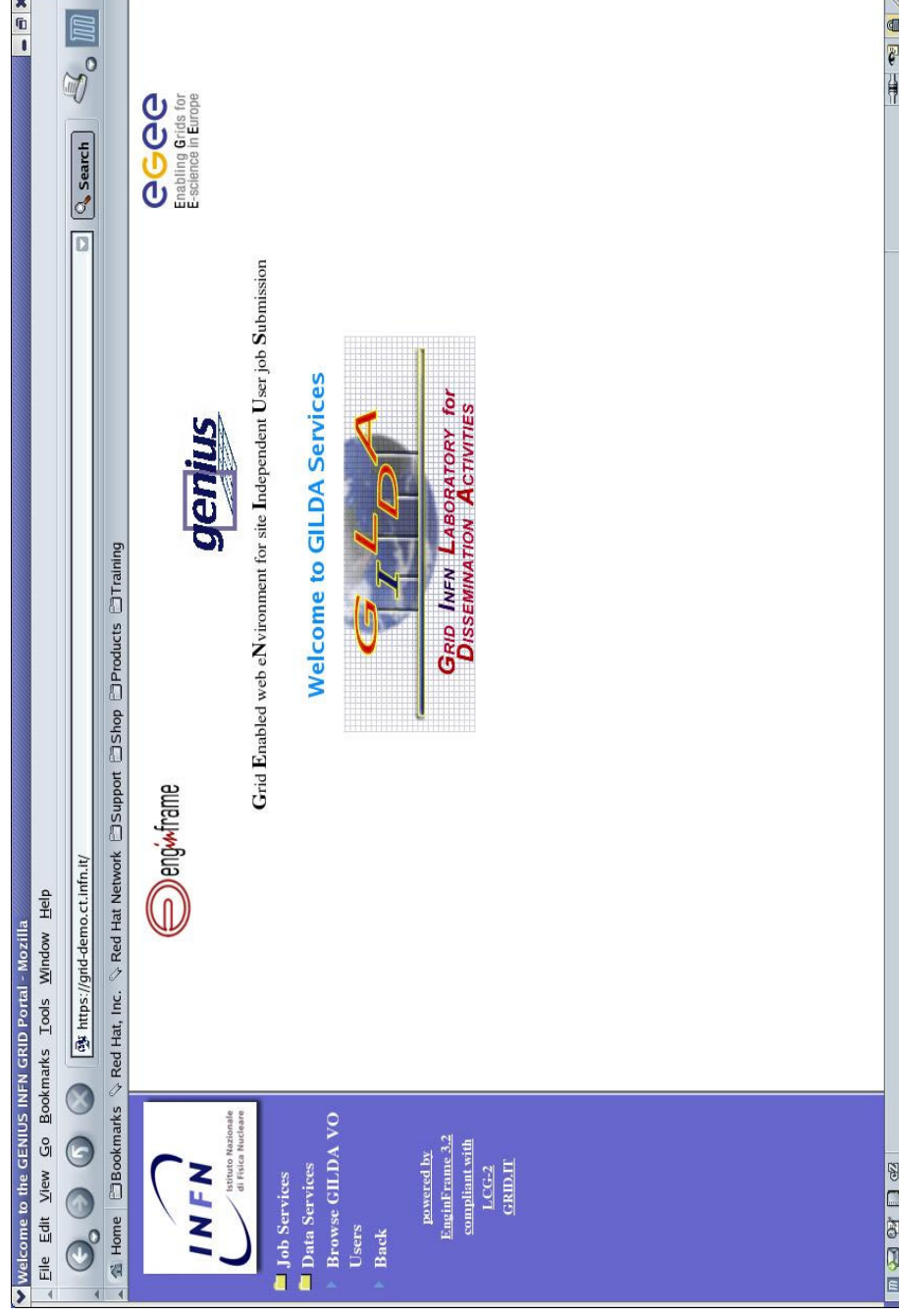
- **Job Submission through GENIUS Portal**
- **Example and exercise**



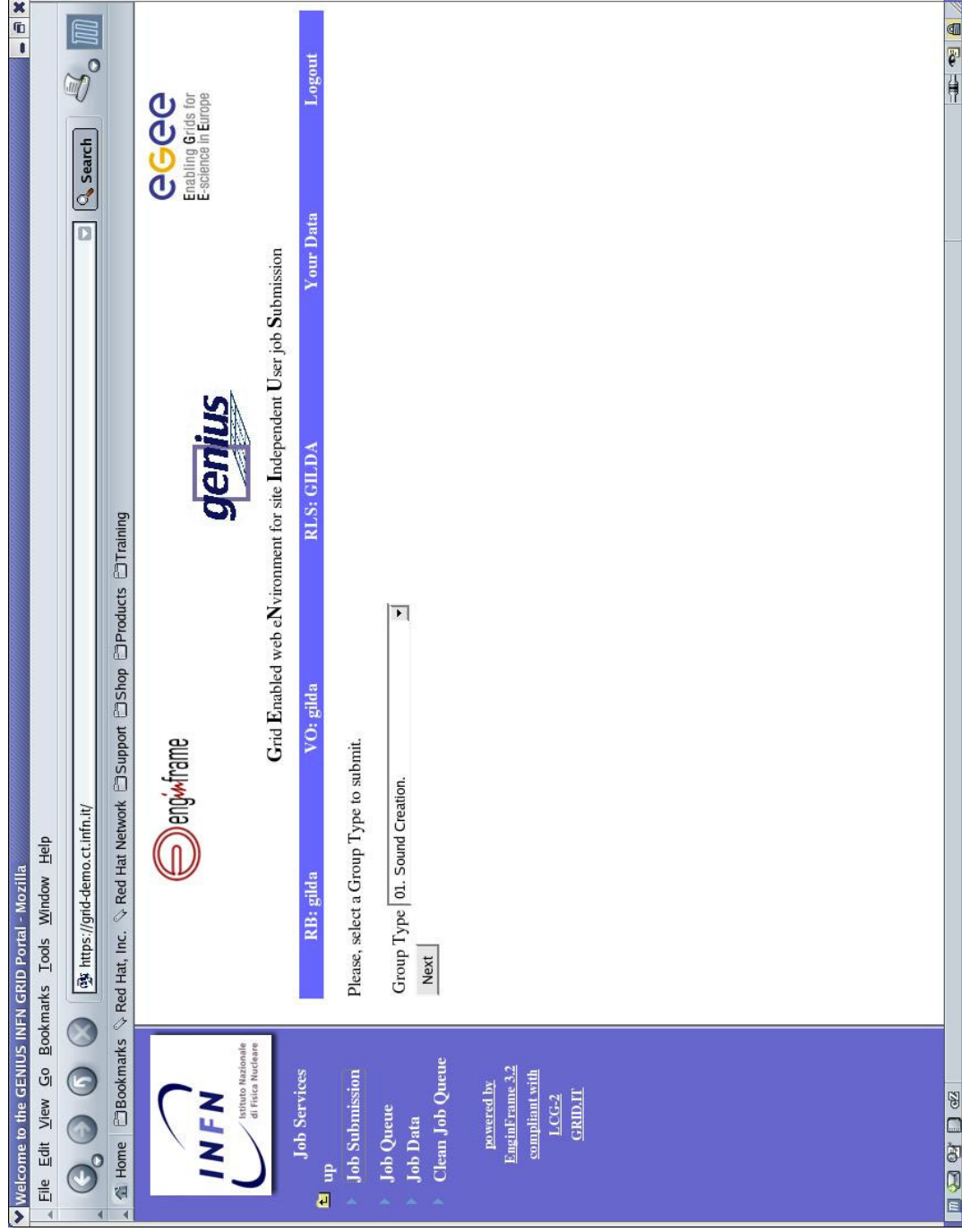
# Genius Portal



<https://grid-demo.ct.infn.it>



# Job Submission (1/4)



Welcome to the GENIUS INFN GRID Portal - Mozilla

File Edit View Go Bookmarks Tools Window Help

https://grid-demo.ct.infn.it/

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**RB: gilda** **VO: gilda** **RLS: GILDA** **Your Data** [Logout](#)

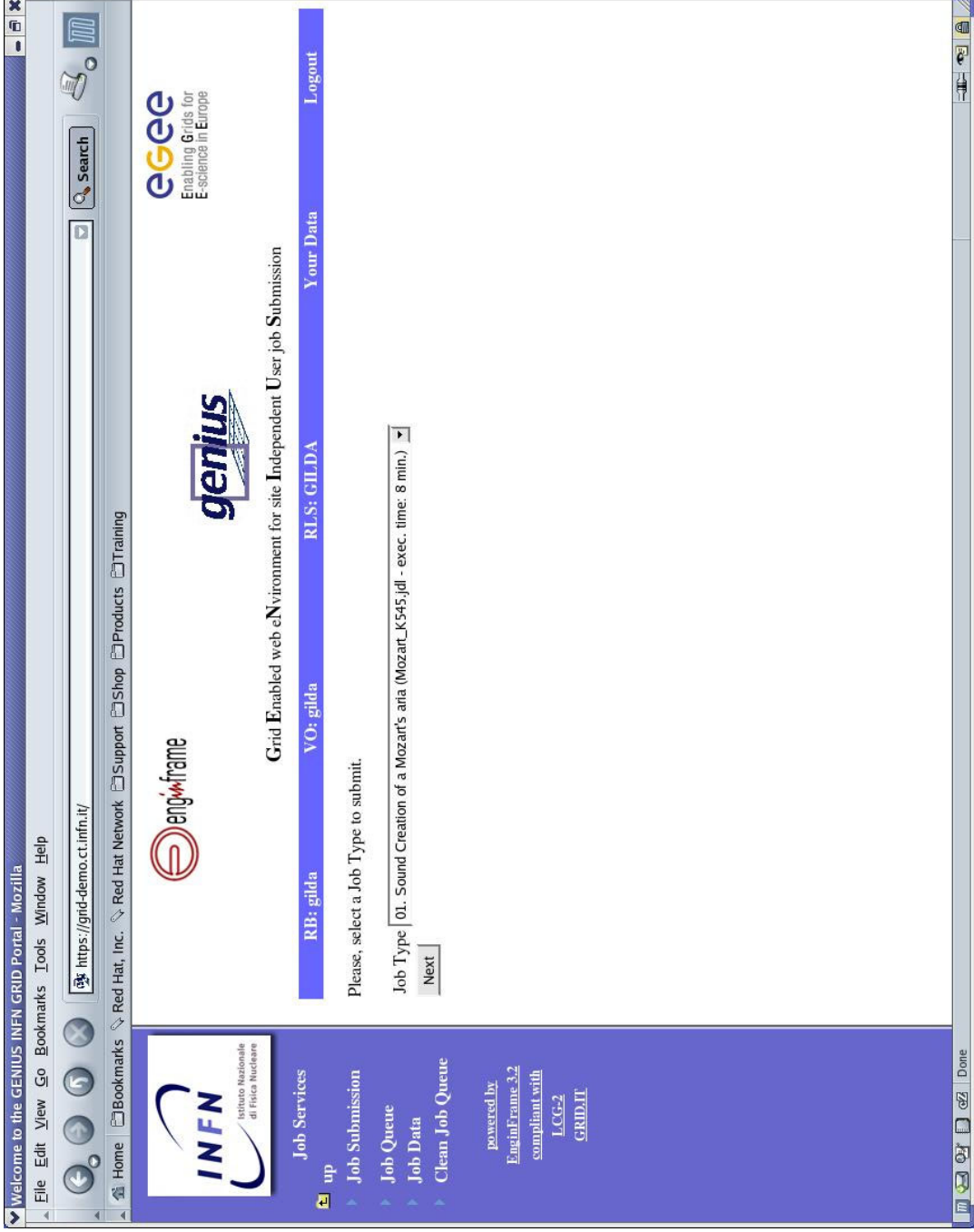
Grid Enabled web eNvironment for site Independent User job Submission

Please, select a Group Type to submit.

Group Type

powered by  
[EnginFrame 3.2](#)  
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[LCG-2](#)  
[GRIDIT](#)

# Job Submission (2/4)



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Grid Enabled web environment for site Independent User job Submission

RB: gilda VO: gilda RLS: GILDA Your Data Logout

up

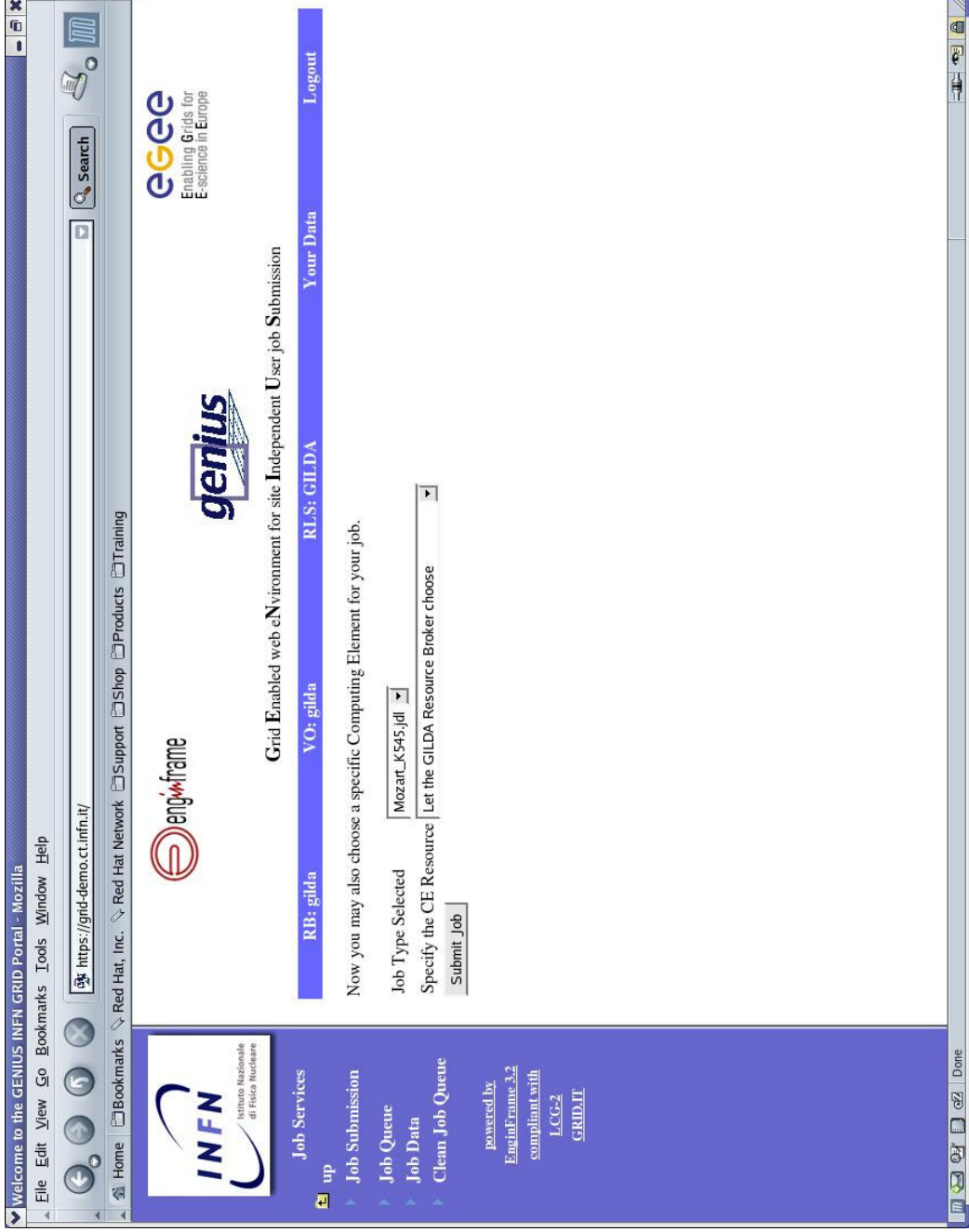
- Job Submission
- Job Queue
- Job Data
- Clean Job Queue

powered by  
[EnginFrame 3.2](#)  
compliant with  
[LCG-2](#)  
[GRIDIT](#)

Please, select a Job Type to submit.

Job Type

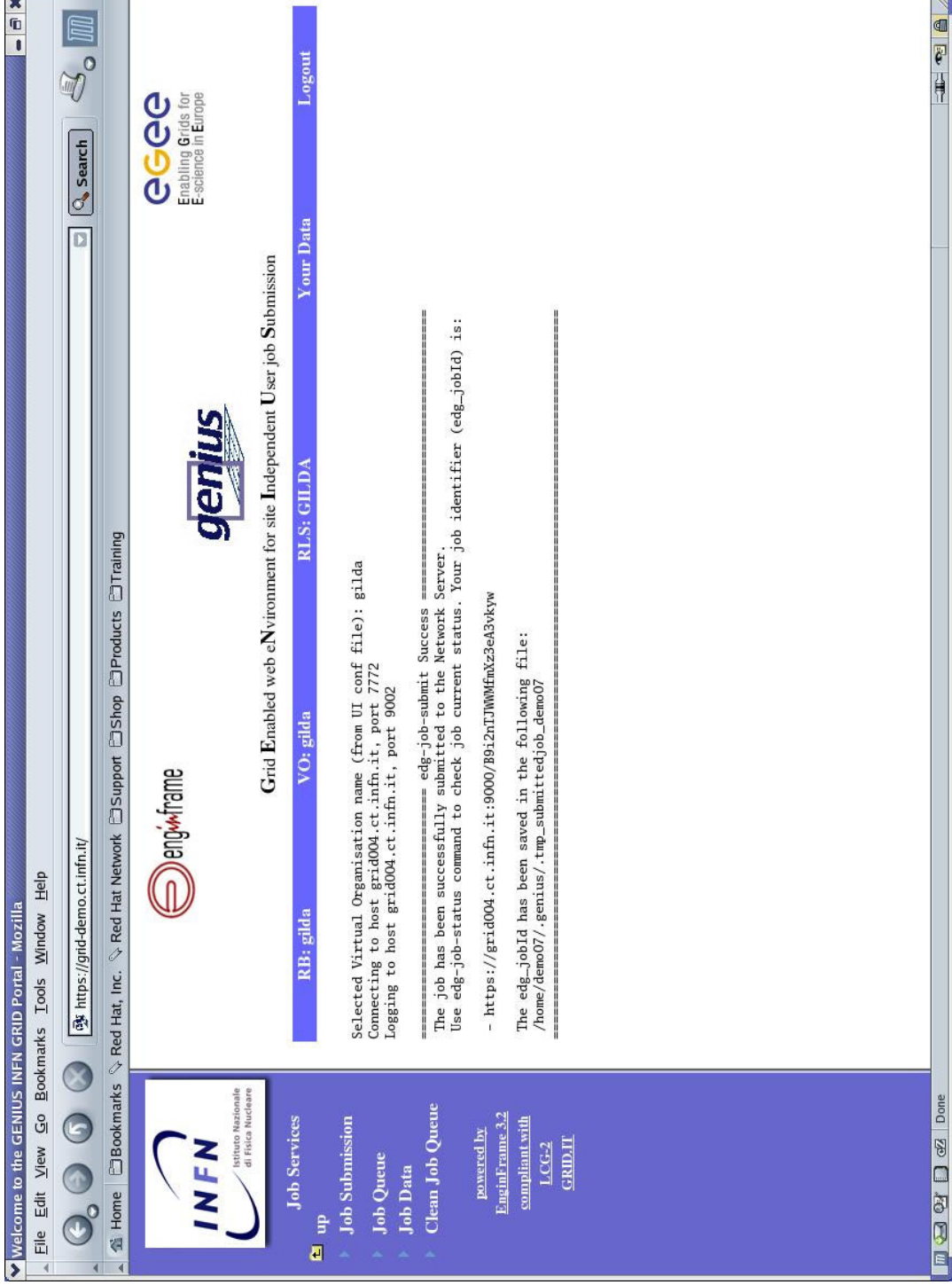
# Job Submission (3/4)




The screenshot shows a Mozilla browser window displaying the GENIUS INFN GRID Portal. The address bar shows the URL <https://grid-demo.ct.infn.it/>. The page features a navigation menu with links for Home, Bookmarks, Red Hat Network, Support, Shop, Products, and Training. The main content area includes the INFN logo (Istituto Nazionale di Fisica Nucleare), the GENIUS logo, and the EGGEE logo (Enabling Grids for E-science in Europe). A blue navigation bar contains links for RB: gilda, VO: gilda, RLS: GILDA, Your Data, and Logout. The main text reads: "Grid Enabled web eNvironment for site Independent User job Submission". Below this, there is a form for job submission with the following fields: "Job Type Selected" (Mozart\_K545.jdl), "Specify the CE Resource" (Let the GILDA Resource Broker choose), and a "Submit Job" button. A footer section lists "Job Services" such as Job Submission, Job Queue, Job Data, and Clean Job Queue, and mentions the system is powered by EnginFrame 3.2, compliant with LCG-2 and GRIDIT.




# Job Submission (4/4)




Welcome to the GENIUS INFN GRID Portal - Mozilla  
File Edit View Go Bookmarks Tools Window Help  
https://grid-demo.ct.infn.it  
Home Bookmarks Red Hat, Inc. Red Hat Network Support Shop Products Training

 **Job Services**  
up  
Job Submission  
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**Grid Enabled web eNvironment for site Independent User job Submission**

RB: gilda      VO: gilda      RLS: GILDA      Your Data      Logout

Selected Virtual Organisation name (from UI conf file): gilda  
Connecting to host grid004.ct.infn.it, port 7772  
Logging to host grid004.ct.infn.it, port 9002

===== edg-job-submit Success =====  
The job has been successfully submitted to the Network Server.  
Use edg-job-status command to check job current status. Your job identifier (edg\_jobId) is:  
- https://grid004.ct.infn.it:9000/B9:2nTJNMfMx2eA3vkyw

The edg\_jobId has been saved in the following file:  
/home/demo07/.genius/.tmp\_submittedjob\_demo07

=====

# Job Queue

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Grid Enabled web eNvironment for site Independent User job Submission

RB: gilda VO: gilda RLS: GILDA Your Data Logout

Job Services

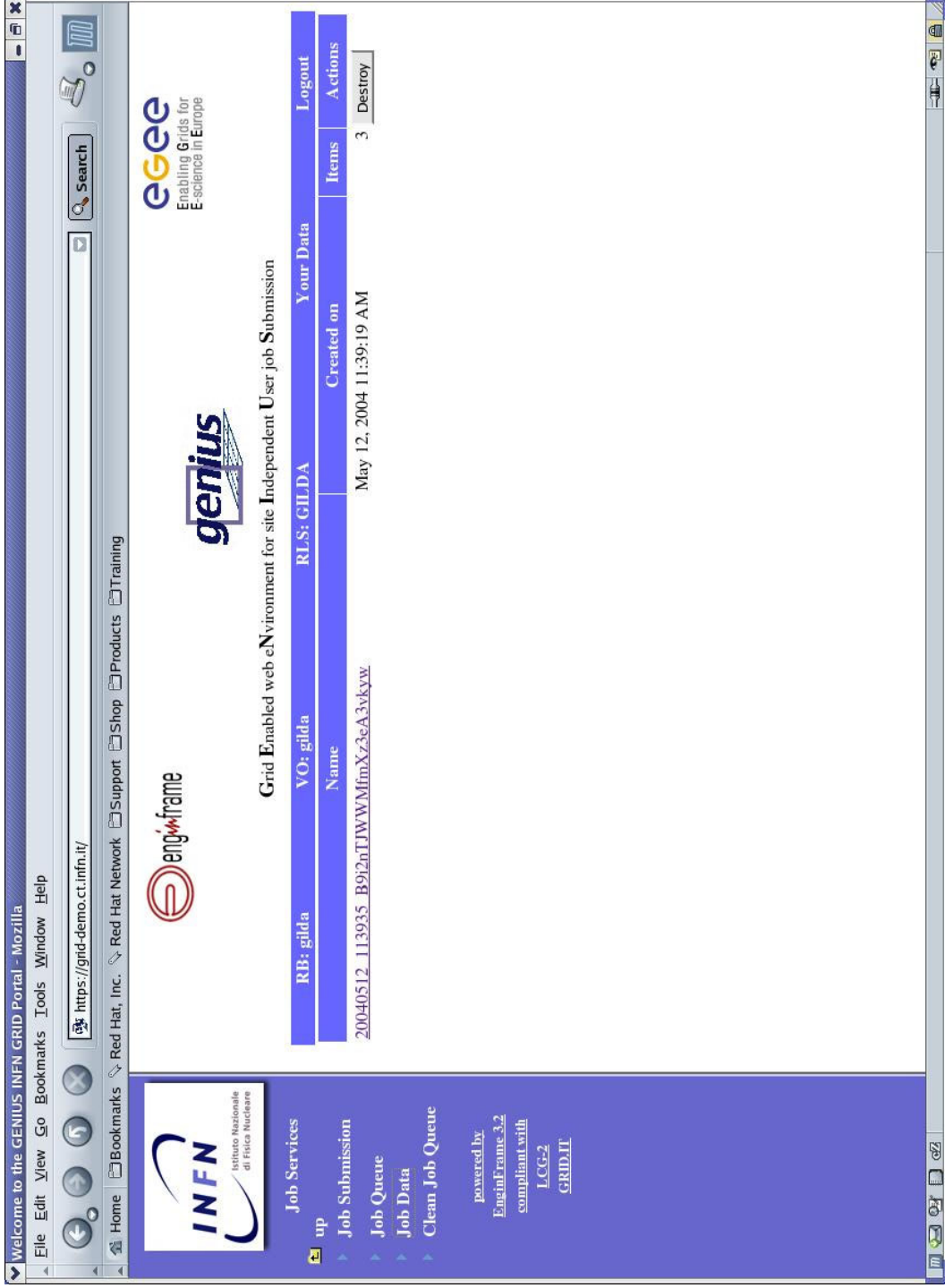
- up
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- Clean Job Queue

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 EnginFrame 3.2  
 compliant with  
 LCG-2  
 GRID.IT

#	Job ID	JDL Name	Last Update	Destination	Status	Exit Code	Acti
2	B9i2nTJWWMfmXz3eA3vkyw/home/demo07/Mozart_K545_jdl		Wed May 12 09:38:14 2004	grid010.ct.infn.it:2119/jobmanager-lcgbps-infinite	Done	0	Get Out
1	UuX2XHe0QDrvBreoa0vO4A/home/demo07/sphere.jdl		Fri May 7 10:00:11 2004	grid010.ct.infn.it:2119/jobmanager-lcgbps-long	Cleared		



# Job Data (1/2)



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RB: gilda	VO: gilda	RLS: GILDA	Your Data	Logout
20040512_113935_B9j2nTJWWMfmXz3eA3vkYv	Name	Created on	Items	Actions
		May 12, 2004 11:39:19 AM	3	Destroy

# Job Data(2/2)

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https://grid-demo.ct.infn.it/ Red Hat, Inc. Red Hat Network Support Shop Products Training

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Grid Enabled web eNvironment for site Independent User job Submission

RB: gilda	VO: gilda	RLS: GILDA	Your Data	Logout
<a href="#">Destroy</a>	<a href="#">Mozart_K545_esound.aiff</a>	<a href="#">Directory contents - 20040512_113935_B9i2nTJjWWMfmXz3eA3vkyw</a>		
	<a href="#">Mozart_K545_esound.err.txt</a>	4,963,686	<a href="#">Mozart_K545_esound.out.txt</a>	16,256
		185		

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Job Services  
up  
Job Submission  
Job Queue  
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Done

# Example 1

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Grid Enabled web eNvironment for site Independent User job Submission

RB: gilda VO: gilda RLS: GILDA Your Data Logout

Destroy Directory contents - 20040512\_123657\_spoWzDtskVMLBUmR-hhmA

dertools.err	0	mount_sainte_helens_WA.ppm	1,404,771
grand_canyon_AZ.ppm	1,604,909	mount_sainte_helens_WA.wrl	837,421
grand_canyon_AZ.wrl	971,259	dertools.out.txt	2,394

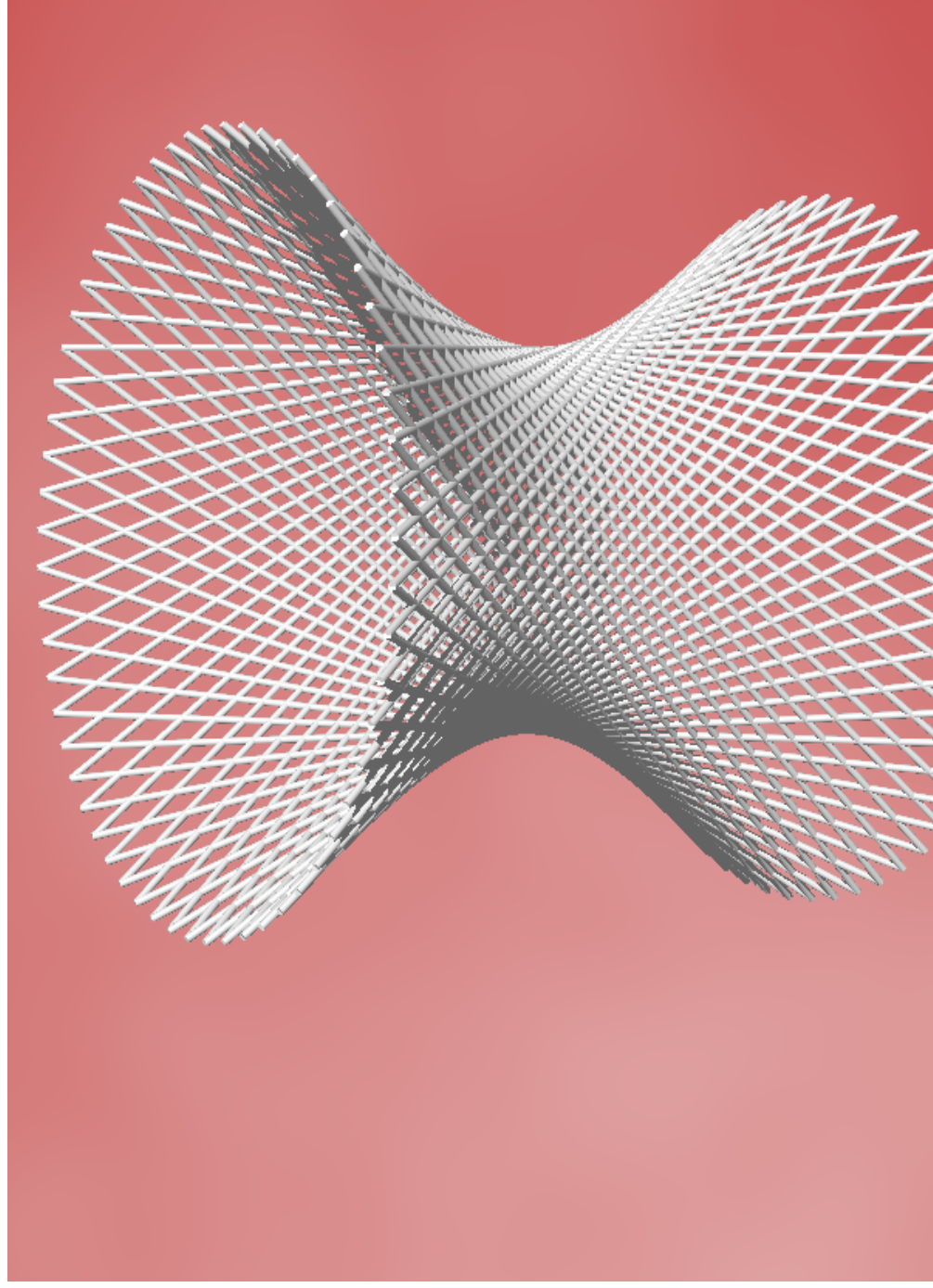
file:///tmp/grand\_canyon\_AZ.wrl

file:///tmp/mount\_sainte\_helens\_WA.wrl

Job Services  
up  
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# Example 2





# Example 3

