



Enabling Grids for E-science

# Induction course - discussion

*Practical information for trainers*

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



- **Fix date, location, decide about target audience**
- **Book GILDA**
  - [https://gilda.ct.infn.it/request\\_tutorial/index.php](https://gilda.ct.infn.it/request_tutorial/index.php)
  - Indicate the IP addresses of the training room! Or send it in email later
- **Set up event agenda in INDICO**
  - <http://indico.cern.ch/categoryDisplay.py?categId=192>
    - Make sure the agenda is write-protected
    - Distribute modification key to trainers
- **Register course on NA3 webpage**
  - <http://www.egee.nesc.ac.uk/adminplan/index.html>
- **Collect training material**
  - Several sources, see earlier
- **Prepare event feedback form**
  - Download template from <http://www.egee.nesc.ac.uk/>
- **Print out**
  - event feedback form
  - Attendance record form
  - Gender record form
- **Generate and send event analysis to NA3**

- **Grid intro**
  - Customize for actual audience
- **EGEE and gLite**
  - Not much possibility to change
  - Domain specific services might be included besides core gLite service
- **Security**
  - Sometimes less is more...
  - Information on local CA
  - Obtain certificate during the course, register to a VO, use it
    - Very effective to wide user base
    - Event should be at least 3 days long
    - Example events:
      - <http://indico.cern.ch/conferenceDisplay.py?confId=23946>
      - <http://indico.cern.ch/conferenceDisplay.py?confId=26383>

- **Security practicals**

- Certificates and browsers

- Download certificate files from glite-tutor
- Import certificate into browser

<https://grid.ct.infn.it/twiki/bin/view/GILDA/HowToImportCertificateInAWebBrowser>

- Visit some protected webpage

- [www.ggus.org](http://www.ggus.org) (*Global Grid User Support*)
- <https://gilda.ct.infn.it/> → MONITORING → 4 (*SAM monitor*)

- Proxies and MyProxy

- Create proxy and upload it into MyProxy
- Get a delegated proxy from MyProxy
- <https://grid.ct.infn.it/twiki/bin/view/GILDA/MyProxyUse>

- **Introduction to GILDA**
  - GILDA facilities for trainers
  - Local setup for user/induction and developer tutorial
  - Local setup for sysadmin tutorial
- **Workload management**
  - Job life cycle
  - JDL overview
  - Compound jobs
  - The CE and LB services