



*First Latinamerican Grid Workshop, 15-20.11.2004*

Enabling Grids for  
E-science in Europe

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

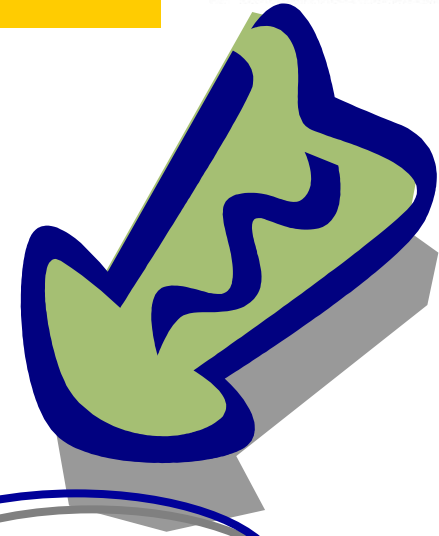
# EGEE tutorial introduction

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# Goal of the tutorial



**Give an introduction on the current EGEE  
middleware and guidance on the use of the APIs  
for writing grid-enabled applications**

# Agenda

(<http://agenda.cern.ch/fullAgenda.php?ida=a044965>)



AGENDA

# Overview and technical details

- Each session includes a theoretical part on CLI and API usage in EGEE and it is followed by a hands-on part.
- Please, feel free to ask questions whenever you feel like
- Hands-on sessions will use the **GILDA** dissemination Grid: for more information, please refer to: **<https://gilda.ct.infn.it>**
- You all have already a temporary GILDA certificate and an account on the GILDA User Interfaces (UI's):

**Hosts:** **grid-tutor.ct.infn.it** and/or **grid-tutor1.ct.infn.it**

**User:** merida01 – merida60

**Password:** GridMer01 – GridMer60

**Certificate Pass Phrase:** MERIDA

# Few notes on EGEE

- The EGEE middleware system has been developed in several different languages and by many different people in different countries
  - Programming languages such as C, C++, Python, Java etc. have been used
  - End user APIs usually exist in either C, C++ or Java
- CLI and API libraries are either available in /opt/edg or /opt/lcg
  - .../bin CLI commands
  - .../lib for C, C++ libraries
  - .../share/java for Java libraries
- The API signature is not very coherent; primarily due to different languages, technologies and maturity of middleware parts
  - Web services usually allow for a higher diversity of language bindings (APIs) than standard C or C++ based services

# Few notes on GILDA Infrastructure (<https://gilda.ct.infn.it>)

