



European Grid Initiative



# EGI Workshop

at OGF25/EGEE-UF  
Catania, Italy

*Michael Gronager, NDGF Director*

# Operation and User Requirement Working Group

## Representatives:

- EGI\_DS:
  - Roberto Barbera
- DEISA:
  - Jules Wolfrat
  - Denis Girou
- EGEE:
  - Steve Traylen
  - Johan Montagnat
- NDGF:
  - Josva Kleist
  - Michael Gronager

# Mandate

- Collect wishes from operations and users on missing functionalities and define a roadmap for the future UMD evolution and come up with concrete ideas for future UMD developments
- Outcome:
  - wish list for 2 years
  - vision for 5 years

# Comments / Reservations

- Hit by holiday season
- Group had only one phone meeting
- Quite different infrastructures:
  - DEISA: Few large heterogeneous sites
  - EGEE: Many small homogeneous sites
  - NDGF: Small and large heterogeneous sites

# DEISA Users

- Promote uniform interface to resources / tighter coupling to batch systems
- Advanced reservation for Multiphysics
- MPI-3: need for fault tolerance, understanding of the topology
- Scientific portals

# EGEE Users

- Better Support for MPI (1 and 2)
- Interactive jobs
- Portals / gateways
- Better job priority support

# NDGF Users

- Certificate / proxy stuff should be hidden for the user
- VO Managers should be able to install / maintain VO software
- Better node/core/interconnect (topology) description
- Tighter integration with batch systems
  - Job suspend/resume, priorities

# EGEE Operation

- Support for more OS'es (UI and WN)
- Better logging and instrumentation
- Documentation and release notes
- Better batch system integration
- Easier configuration
- Better integration of info sys and m/w



# NDGF Operation

- Better support for "configure, make, make install" installations
- Service Instrumentation
- Tighter batch system integration:
  - Suspend / resume support
  - Common accounting on lrms level

# Visions

- All infrastructure services are for all services – not just either HPC or HTC (e.g. Common accounting, ids)
- Promote use of de facto tools with add ons rather than self duplicate functionality tools