



*13<sup>th</sup> September 2004*

Enabling Grids for  
E-science in Europe

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

## EGEE Training



EGEE is a project funded by the European Union under contract IST-2003-508833

# Events to date

- 17 events in total

Federation	Courses
UK & Ireland	5
Central Europe	6
Italy	3
SE Europe	1
North Europe	1
Russia	1

# Planned events I

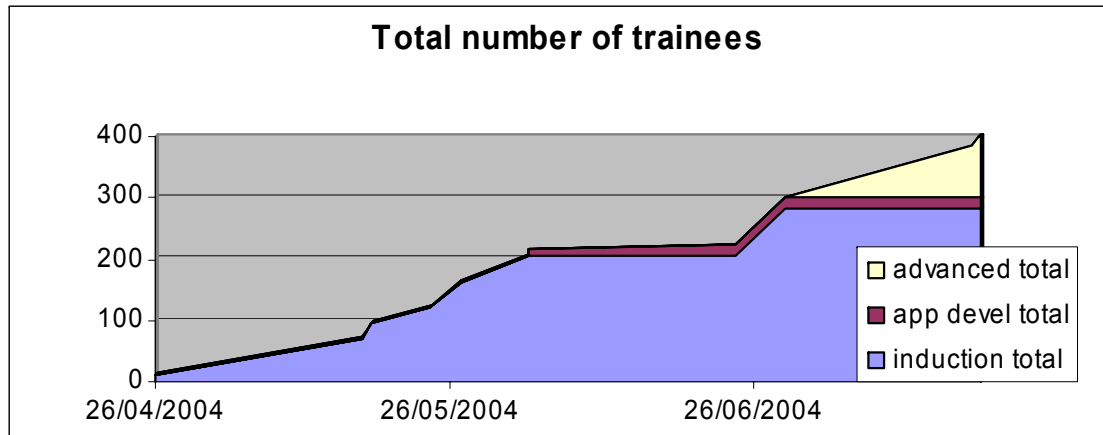
Title	location	Date
EGEE Induction	Germany	21/9/04
Using LCG2	Germany	21-23/9/04
Installing LCG2	Germany	21-23/9/04
Baltic Induction & Proposal	Lithuania	4-5/10/04
LCG2 APIs & Web Services	Spain	7-8/10/04
EGEE Induction	Holland	12-13/10/04
Condor Week	UK	11-15/10/04
Introduction to Grid Technologies	Poland	4-6/11/04
SEE-GRID Induction	Turkey	9-11/12/04
Introduction to Web Services	UK	16-17/12/04
Introduction to WSRF	UK	23-24/2/05

## Planned events II

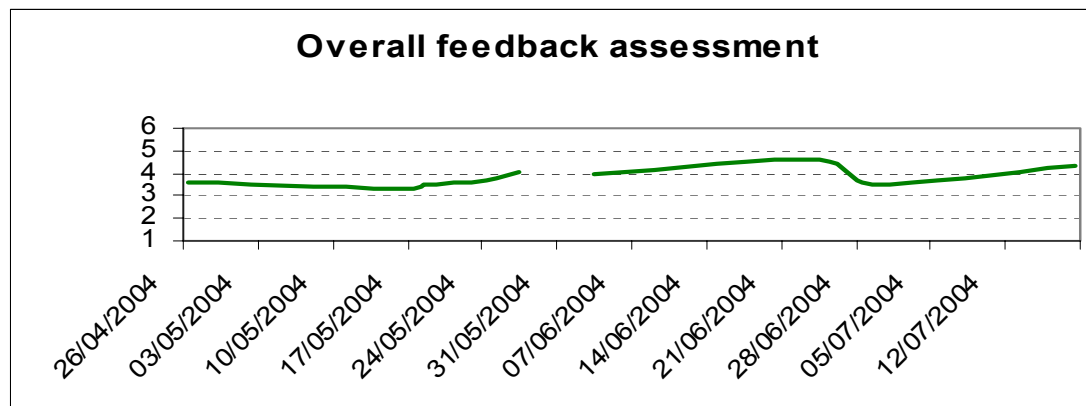
- 11 events currently planned up to February 2005.
- A further 5 in earlier stages of planning.
- With a commitment from partners for a further 4 events in that period (Execution Plan).

# EGEE training delivery

EGEE NA3 has trained 400 people in courses ranging from introductions to EGEE (induction) through Application Developer to Advanced level.



NA3 is committed to maintaining and developing the quality of training. To do this feedback is collected from the users of courses.



# GGF Summer School



The NA3 training team made a central contribution planning, organising and presenting the 2004 GGF Summer School. Presentations were given on “High-level Grid applications: a portal based approach”; “Introduction to Web Services”; + a tutorial “Introduction to the GENIUS portal and the GILDA Test bed” and “An Introduction to Data Services & OGSA-DAI”

The event was attended by 84 selected advanced students.

# Meeting TA targets

Course type	No of Attendees	% of target	No of courses	% of target
Induction	283	57	7	70
Application Developer	17	8	2	25
Advanced	104	200	2	100
Technical Activity Retreats	0	0	0	0

# Web site features

- Home page redesign
  - Federation links
  - Contacts
  - Objectives
  - Statistics
  - News
  - Links to GENIUS
- Training roadmap
  - Single reference to all training events, linked to agendas, registration and statistics
- Suggestions form

The screenshot shows the NA3: User Training and Induction website. At the top, there is a navigation bar with links: EGEE Home, Intranet Home, EDMS Documents, Calendar, Agenda maker, Glossary. Below this is a header for 'NA3: User Training and Induction' with an EU flag icon. A secondary navigation bar includes: NA3 Home, Events & Registration, Suggestions & Requirements, Course Evaluation, Training Material, NA3 Admin & Planning, Issues, and Deliverables. The main content area is divided into three columns: 1. 'NA3 Partners' featuring a map of Europe and a list of countries: UK & Ireland, Italy, Germany & Switzerland, Northern Europe, South East Europe, Central Europe, and Russia. 2. 'Contacts' listing: SA1 - Richard Hopkins, NA4/Biomed - David Fergusson, NA4/Earth Sciences - Mike Minster, NA4/Physics - Guy Warner, Quality Assurance - David Berry, and General training - training\_support. 3. 'NA3 NEWS & EVENTS' listing several events with dates and locations, such as '20th - 23rd September: GridKa School 04 - Karlsruhe, Germany' and '7th - 8th October: Biomed Application Developer's course: LOG2 APIs and Web Services: Madrid'. Below the main content is a 'NA3 Objectives' section with a bulleted list of goals and a link to the GENIUS portal. At the bottom, there is a 'NA3 Statistics' section with a line graph titled 'Total number of attendees' showing data from 26/04/2004 to 29/08/2004, and two smaller charts for 'Overall feedback assessment' and 'Training total events'.



# Community support

- The EGEE training material is being made available to the whole community at:  
<http://www.egee.nesc.ac.uk/trgmat/index.html>
- A training materials repository allowing flexible searches of the available material is currently under development and testing.
  - Database design documentation available
  - SQLServer db created and populated
  - Coldfusion interface under development
  - Full attributions supported in the database

# Deliverables

Month	Deliverable	Description
M03	DNA 3.1.1	Training Plan
M03	MNA 3.1	Planning phase complete
M06	MNA 3.2	Initial training course material (continuously revised)
<b>M09</b>	<b>DNA 3.1.2</b>	<b>Revision of training plan</b>
<b>M09</b>	<b>DNA 3.3.1</b>	<b>Training Progress Report</b>
<b>M12</b>	<b>MNA 3.3</b>	<b>First external review of training and induction</b>
M15	DNA 3.1.3	Revision of Training Plan
M15	DNA 3.3.2	Training Progress Report update
M24	DNA 3.3.3	Training Progress Report update
M24	MNA 3.4	Second external review of training and induction

- Communication
  - Maintaining parallel communication at appropriate technical levels while retaining management tracking and avoiding lost strands.
  - Keeping wide channels of communication open to activities and federations
- Avoiding over reliance on a limited pool of experts
- Maintaining momentum over all federations
  - Keeping contacts with and between federations open and active.
- No events planned in France
- Assuring coverage of topics
- Gathering requirements
- Training test bed
- Technical Activity Retreats

# Current training topics

NA3 has produced courses based on commitments in the execution plan and training requests which have been received (mainly from NA4).

- Induction
- LCG2 installation
- LCG2 APIs
- Web Services
- WSDL



# Training topics plans

NA3 is attempting to gather requirements from stakeholders, so far with limited success. To aid with planning potential training topics have been identified internally. A sub set of these is given below:

- LCG2 components
- Metadata technologies
- Security
- Data curation using XML
- Condor Applications
- Principles of eScience programming
- Capturing workflows
- GIS on grids
- Installing GENIUS
- Creating effective requirements documents
- Communicating with users
- Transitioning to gLite

# Summary

- Training provision has ‘got off the ground’.
- We have most of the required procedures in place and should now be concentrating on delivery.
- Deliverables are on track
- Most but not all of the 1<sup>st</sup> yr targets in the training plan are likely to be met or exceeded.
- Issues to focus on are delivery, communications, topic coverage, supporting federations and learning platforms.

# NA3 Open Meeting



- PS. There is a NA3 Open Meeting in Karlsruhe 23<sup>rd</sup> September to which all interested parties are welcome.
- Registration at:  
<http://www.nesc.ac.uk/action/registration/egee/index.cfm?id=460>
- or from the NA3 homepage