16th September 2004

EGEE, NextGrid & NeSC Training

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Director National e-Science Centre

www.eu-egee.org

EGEE is a project funded by the European Union under contract IST-2003-508833
Training & Education: Mission Critical

• Skills and understanding
  ▪ Required *throughout* Europe to achieve Lisbon strategy
  ▪ Fundamental foundation
    • For research, innovation, deployment, operations, …
    • To build e-Infrastructure
    • To operate e-Infrastructure
    • To exploit e-Infrastructure
    • To make e-Infrastructure accessible to EU Citizens

• Integrate Training & Education
  ▪ Magnifier – train the educators
  ▪ Share infrastructure, material, exercises, examples, …

• Combine Creativity & Energy
  ▪ From *all* projects
  ▪ Across Europe

Grids are a disruptive technology
New skills needed
New ways of working
Stimulating Innovation
Demanding Collaboration
• NeSC events hosted at the centre
  ▪ >200 average 8 per month over 3 years
  ▪ >16,000 person-days
  ▪ increasing awareness and expertise in Grid technologies
  ▪ building a community
  ▪ academic and industrial sectors

• Dissemination: events / conferences + “Portal”
  ▪ (e-)Newsletter, Announce service, Jobs service
  ▪ >4000 registered members
  ▪ NeSC web site, NeSCforge, NeSC wikis, NeSC mail lists
  ▪ Technical Report Series
  ▪ Support for All Hands Meeting
    • Registration
    • Programme Cmttee: submission, review & decision tracking system
    • Programme & Proceedings production
NeSC Training Team

• The National e-Science Centre, Edinburgh, UK
  - dedicated training team
  - 5 trainers
  - support staff
  - facilities
  - more posts in the pipeline

• NeSC lead training for
  - EGEE
  - NextGrid
  - UK e-Science

NeSC & EGEE offer to extend their scope and activities
Collaborating with all EU e-Science & e-Infrastructure projects
For all Training & Education
Delivering for EU Citizens, Industry & Academia
EGEE 22 Training Partners

NeSC
Edinburgh
UK & Ireland

IHEP
Moscow
Russia

IMPB RAS
Moscow
Russia

ITEP
Moscow
Russia

JINR
Dubna
Russia

KU-NATFAK
Copenhagen
Denmark

GUP
Linz
Austria

Innsbruck
Austria

INFN
Rome
Italy

CESNET
Prague
Czech Rep.

BUTE
Budapest
Hungary

ELUB
Budapest
Hungary

MTA SZTAKI
Budapest
Hungary

GRNET
Athens
Greece

II-SAS
Bratislava
Slovakia

ICM
Warsaw
Poland

PSNC
Poznan
Poland

ICI
Bucharest
Romania

TAU
Tel Aviv
Isreal

FZK
Karlsruhe
Germany

RRCKI
Moscow
Russia

PNPI
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### EGEE Training 22 Partner Institutes

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Training Events throughout Europe and beyond!

Since April 2004 EGEE NA3 has trained 350 people in 14 courses ranging from introductions to EGEE (induction) through application Developer to advanced level.

Next week 4 days in Karlsruhe 5-7 October in Latvia

NA3 is committed to maintaining and developing the quality of training. To do this feedback is collected from the users of courses.
Built on CERN Summer school Experience

International collaboration
- GGF
- Multi-national Sponsors
- High profile engaging teachers

Carefully Designed Syllabus

This year’s event was attended by 84 selected advanced students – from all around the world
Community support

- The EGEE training material is available
  http://www.egee.nesc.ac.uk/trgmat/index.html
  - For everyone

- **New advanced training materials repository**
  - Available Q4 2004
  - Structure, provenance, evaluation
  - Contribution support
  - Search

- **Two-day Meeting 1&2 Nov.**
Virtuous Circles

Dissemination
- Evangelists
- Educators
- Industrial developers
- Innovators

Induction & Training
- New users
- Trainers
- Leaders

Active users
- Expert users & developers

Experience
- Committed users & developers

Application Developers

Advanced Courses & Workshops
- Educators
- Industrial developers
- Innovators
- Expert users & developers

Developers
- Committed users & developers
- Active users
- Experts & developers

Leaders
- Experience

Expert users & developers
- Active users
- Experts & developers

Trainers
- New users
- Trainers

Evangelists
- Dissemination

Educators
- Advanced Courses & Workshops
- Educators
- Educators
Summary & Contacts

We have a well-established foundation, facilities, momentum & experience

We invite all EU projects to build on that foundation for all Training & Education

Delivering for EU Citizens, Industry & Academia

people power for Innovation

Education & Training – urgent & essential

training-support@nesc.ac.uk

http://www.egee.nesc.ac.uk/

Training requests

http://www.egee.nesc.ac.uk/suggreq/index.html