



Enabling Grids for E-scienceE

Training services offered by SZTAKI for EGEE and EGI

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EGEE'09 Conference
Barcelona, 21-25 September 2009

www.eu-egee.org



- **EGEE NA3 activity: User training and induction**
 - Developing training material and resources
 - Delivering training courses
 - Provision of training services
 - Management
- **New content**
 - Life sciences applications and services on the EGEE grid (slideshow)
 - Hungarian slideshows on EGEE-3, Application Support Services of EGEE
 - Application specific module for P-GRADE Portal
 - *Develop a customized science gateway from P-GRADE Portal*
 - *Detailed presentation on Wednesday in “Science gateways” session*
 - In collaboration with EDGeS:
 - Extending EGEE VOs with Desktop Grid resources
 - Porting EGEE applications to Desktop Grids
 - Porting Desktop Grid applications to EGEE
 - *See EDGeS sessions today 11:00-16:30*

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- **Events in 2009**
 - March: Introduction to Grid Computing and EGEE (Catania, Italy)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=48867>
 - April: Porting and developing applications on gLite (Budapest, Hungary)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=57245>
 - May: P-GRADE Portal tutorial for EGEE users (Budapest, Hungary)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=58116>
 - May: P-GRADE Portal tutorial, Biomed Grid School (Varenna, Italy)
 - www.biomedgrid.it/
 - June: EGEE Application Developer Course (Zagreb, Croatia)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=57883>
 - June: Joint EGEE and EDGeS Summer School on Application Support (Budapest, Hungary)
 - <http://www.egee.hu/grid09>
 - July: Workflow tutorial, International Summer School in Grid Computing (Sophia Antipolis, France)
 - <http://www.iceage-eu.org/issgc09/programme.cfm#15>
 - August: Introduction to EGEE, gLite, P-GRADE Portal at GCC'09 conference (Lanzhou, China)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=65219>
 - September: Advanced Distributed Services Summer School (Oxford, UK)
 - <http://www.iceage-eu.org/adsss09/index.cfm>
 - September: gLite job management, P-GRADE portal at EGEE'09 conference (Barcelona, Spain)
 - <http://indico.cern.ch/conferenceDisplay.py?confId=59091>

**Students' feedback from
Advanced Distributed Services
Summer School 2009 (Oxford, UK) :**



SESSION	Average
Intro to UK distrib comp	4,90
SAGA	4,82
SAGA practical	4,82
Campus grid	4,80
Utilisign resources	4,70
Intro to data	5,00
OGSA-DAI	4,82
SRB	5,18
Applications	5,00
NGS practical	5,27
GridSAM	5,18
Futures	3,82
RAPID	5,00
NGS portal	4,91
P-GRADE Portal	5,45
GEMLCA	5,36
NGS roadmap	5,00
taverna	5,36
Web 2.0	4,56

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- **Details of contribution to task of Training infrastructure:**

- **Operating a GILDA site:**

	CPU cores	Storage
MTA SZTAKI: <code>fn2.hpcc.sztaki.hu</code>	16	~ 100 GByte

- **Operating a multi-grid installation of P-GRADE Portal:**

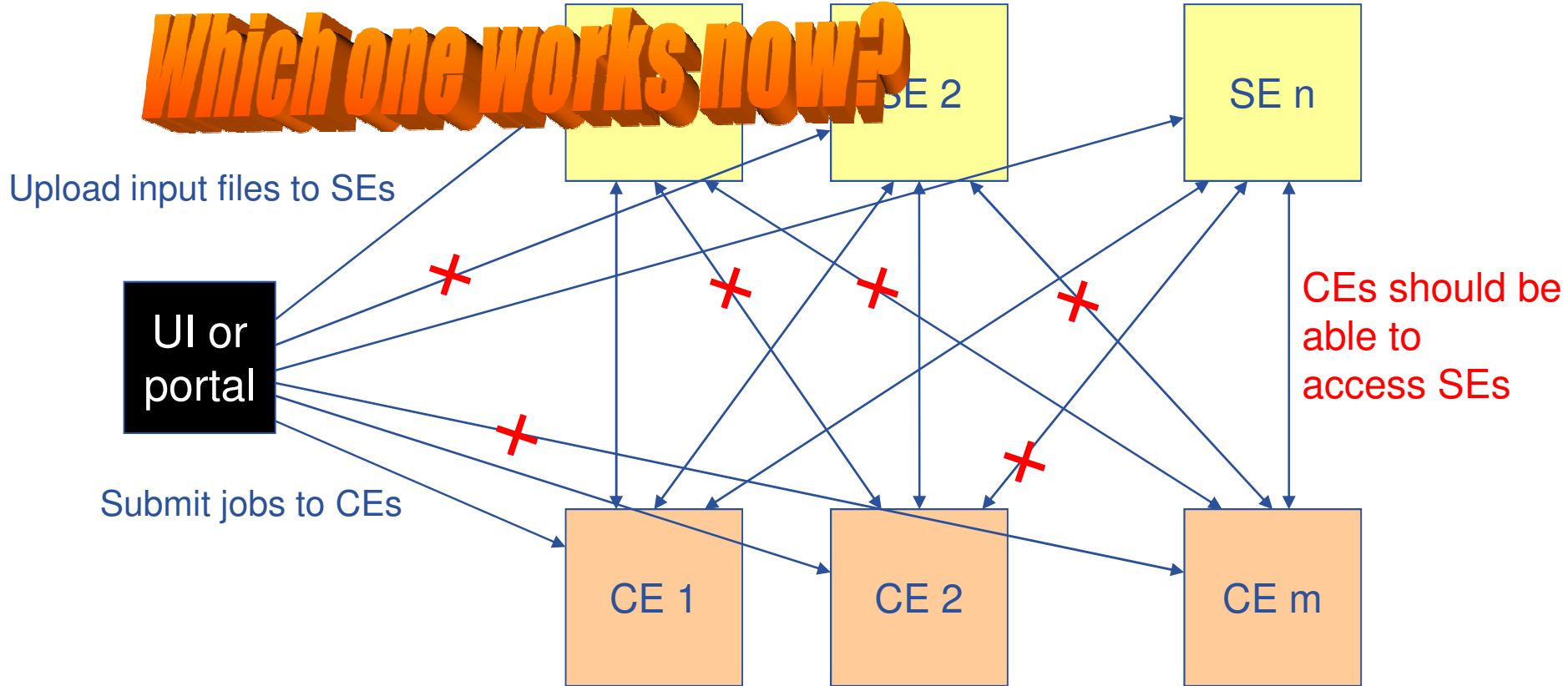
- www.portal.p-grade.hu/multi-grid
- *GILDA, VOCE, SEEGRID, Biomed, Compchem, Astro, Hungrid*

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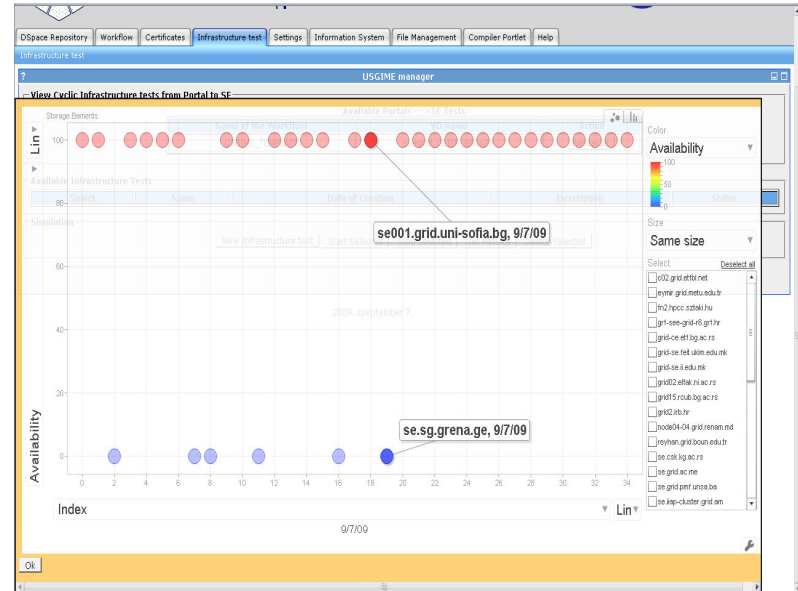
- **Gergely Sipos, MTA SZTAKI, NA3 Deputy manager**
 - Coordinating the organization of international events
 - Contribution to reports, deliverables
 - Attending AMB teleconferences
 - Training transition to EGI

Some links are sometimes down.

Which one works now?



- Test the links between your UI and your SEs
 - With a robot certificate
- Test the links between your CEs and SEs
 - With your certificate
- Ready for the SEE-GRID VO
 - <http://sourceforge.net/projects/pgportal/>
 - Demo on Monday and Wednesday
- Ongoing work to customize for the GILDA VO



The figure is a screenshot of the USGIME manager interface. It displays a table titled 'Available Infrastructure Tests' and a table titled 'Computing Elements' and 'Storage Elements'.

Available Infrastructure Tests

Select	Name	Date of Creation	Description	Status
<input type="checkbox"/>	test_001	2009.09.07 at 14:44:40	test	running

Computing Elements

Name	Efficiency	Storage Elements
ce002.lpp.acad.bg		grd02.etfak.ni.ac.rs reyhhan.grid.boun.edu.tr ise01.grid.info.uvt.ro fn2.hpcc.szaki.hu
ce001.grid.uni-sofia.bg		gcheduled
finished cd1.grid.etfbl.net		running
grf-see-grid-r5.grf.hr		OK OK OK OK
Efficiency of Storage Elements:		

At the bottom of the interface, there are buttons for 'View Result Summary of CEs' and 'View Result Summary of SEs'.

- **Hungarian trainers are able to serve local needs with event organization, delivery and operating training services**
 - Accredited trainers from SZTAKI:
 - Gergely Sipos
 - Miklós Kozlovszky
 - Péter Kacsuk
 - Gábor Hermann
 - NIIF is member of KnowARC project
 - ARC expertise is present in Hungary
 - GLite training effort is available at Technical University Budapest and KFKI
- **SZTAKI is involved in CUE proposal to support international training, dissemination and business outreach in EGI**
 - More on Friday at SSC workshop

- **SZTAKI porting team is active in all tasks of NA3**
 - Developing training material and resources
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- **Training services for Hungarian NGI will be available in EGI**
 - Several accredited trainers
 - Training services and expertise

Existence of international training infrastructure is expected

- **Some of the Hungarian training services for EGI depend on CUE proposal success**

Questions?

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