

## Training activities

[www.see-grid.eu](http://www.see-grid.eu)

**SEEGRID REGIONAL PROJECTS  
CONCERTATION WORKSHOP**



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# WP5: Objectives



- Design, develop, evaluate and maintain a content-rich **portal for** all of the SEE-GRID-2 related **coordination**, research, **training**, dissemination processes, results and information
- Provide the **tools for communication** and dissemination of information about SEE-GRID-2
- Promote widespread use of the SEE-GRID-2 infrastructure by all members and all disciplines of the southeast European community
- **Carry out training** and dissemination **events at regional as well as national level**

# WP5: Description of work



SEE-GRID  
South Eastern European GRid-enabled  
Infrastructure Development

- *A5.1 - Develop and maintain communication infrastructure (GRNET)*
  - This activity will develop, maintain and make full use of a comprehensive portal to ensure a constant, high quality information flow to all partners, while also acting as a **repository for** all relevant **documents**, distribution-list archives, and meeting information.

[...]

- *A5.5 - Organize and Participate in technical workshops and training events (MTA SZTAKI)*
  - This activity will **coordinate** the **organization and participation** of project partners at regional and national technical workshops and training events.

# Current status



- **WP5- SEE-GRID Training Center** ✓ (partially up and running)  
web page for:
  - planning and documenting all training events
  - documents about the planned training event:
    - When and where, type of course, planned program, planned number of participants, required tutor (if needed)
  - documents about the completed training event:
    - When and where, type of course, filled in evaluation form, number of participants
  - repository of training materials (indico)
  - repository of tutors and their expertise
- **WP5- 'human' network:** Contacts, email addresses ✓ (collected)
- **WP5- Initial plan for events** ✓ (collected)

# Planned training events



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<i>Name</i>	<i>Date</i>	<i>Location</i>	<i>Target Audience Group</i>	<i>Planned Volume</i>	<i>Organizer</i>
Training for Grid Users	October 2006	IPP-BAS	End-users		IPP-BAS
Training for Grid Application Developers	April 2007	IPP-BAS	Application Developers		IPP-BAS
Grid site installation, operation and administration tutorial	39022	ICI	Site administrators	20	Romanian consortium
Introduction to Grid computing; SEE-GRID infrastructure services and applications	February 2008	University of Bucharest	End users	30	Romanian consortium
TR-GRID User Training	October 2006	Ankara, Turkey	Researchers	20	TUBITAK ULAKBIM
TR-GRID User Training	January 2007	Istanbul Turkey	Researchers	20	TUBITAK ULAKBIM and Bogazici University
TR-GRID Site Administration Training	February 2007	Ankara Turkey	TR-Grid Site Administrators	10	TUBITAK ULAKBIM
TR-GRID Advanced User Training	September 2007	Ankara Turkey	Grid users	30	TUBITAK ULAKBIM and Middle East Technical University
Joint Regional CE EGEE and SEEGRID-2 Summer School on Grid Application	03-08.07.2006	Budapest, SZTAKI	Grid end-users	30	SZTAKI
Summer School on Grid Application	July.2007	Budapest, SZTAKI	Grid end-users	30	SZTAKI
Grid Perspectives In Albania	October 2006	Faculty of Natural Sciences	Specialists and students		Faculty of Natural Sciences, in collaboration with INIMA and FIE
GRID Application development training	October-November 2006	Banja Luka	Application developers	10-20	UoBL
GRID Awareness and Applications	September-October 2006 (or March 2007)	Sarajevo	Potential infrastructure end-users	20-30	UoS
MARGI GIMs training	January/February 2007	Skopje	MARGI GIMs	10-15	UKIM
EGEE-II gLite Site Administrator Training	June 24, 2006	Kragujevac			Center for Scientific Research of SASA and University of Kragujevac
AEGIS users training	October 2006	Belgrade	High performance computing power users	25-50	UoB
AEGIS GIMs training	March 2007	Kopaonik	AEGIS GIMs	10-15	UoB
Montenegro grid initiative – Administrator grid training event	3rd November 2006	Podgorica	GIMs, grid admins, network admins, grid app developers.	10 members form Montenegro	Center of Information Systems of University of Montenegro
GRID Administration Training Workshop	December 2006	Chisinau	GIMs, grid admins, network admins	10	RENAM (NOC – Network Operation Center)
GRID Administration Training Workshop	September 2007	Chisinau	GIMs, grid admins, network admins, undergraduate students	12	RENAM (NOC – Network Operation Center)
GRID Technical Specialists Training Workshop	April 2007	Chisinau	scientists, professors, doctoral students, undergraduate students	30	RENAM (Moldova), ICI (Romania)
GRID Applications Users Training Workshop	October 2007	Chisinau	scientists, professors, doctoral students, undergraduate students	25	RENAM
Grid Applications and Development Workshop	September or October 2006				
Workshop	April or May 2007.				

# Communication infrastructure



SEE-GRID  
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SEE-GRID2 Project :: Events - Microsoft Internet Explorer

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Address http://www.see-grid.eu/events.php

SEE-GRID South Eastern European GRid-enabled Infrastructure Development

Home page :: Events

Overview  
The Project  
Partners  
Events  
Newsroom  
Press Kit  
See Grid 1

Even

Conferences and Events

IST Event 2006 - Strategies for lead

EGEE'06 Conference EGEE II, Geneva 25/09/2006 - 29/09/2006

SEEGRID REGIONAL PROJECTS CONCERTATION WORKSHOP SEE-GRID2 Project, Geneva, EGEE06 Conference 28/09/2006

Training events

Events	Location	Date
Joint Regional CE EGEE and SEE-GRID-2 Summer School on Grid Application Support	Budapest, Hungary	03/07/2006 - 08/07/2006
International Summer School on Grid Computing	Ischia	09/07/2006 - 21/07/2006

2006 SEPTEMBER 2006

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All months

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Event: Joint Regional CE EGEE and SEE-GRID-2 Summer School on Grid Application Support

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Mailing list:  
**see-grid-edu@see-grid.eu**

# Joint Regional CE EGEE and SEE-GRID Summer School on Grid Application Support



SEE-GRID

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- **Budapest, Hungary**  
**03-08/07/2006**
  - aims at introducing Grid technology to potential users and at studying and practicing application development methods and tools using
    - the Central European Virtual Organization of the EGEE Grid infrastructure and
    - the Southern Eastern European Grid infrastructure
  - Gridification of the users' own applications
- **[www.egee.hu/grid06/](http://www.egee.hu/grid06/)**
- **CA training**





# Participants



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Organisation, Country	Number of Participants	
Cilea, <b>Italy</b>	<b>2</b>	
Eötvös Lóránd University, <b>Hungary</b>	<b>3</b>	
FIE, <b>Albania</b>	<b>1</b>	
FSHN, <b>Albania</b>	<b>1</b>	
HealthGrid, <b>France</b>	<b>1</b>	
Istituto Nazionale di Fisica Nucleare Sezione di Cagliari, <b>Italy</b>	<b>1</b>	
Masaryk University, <b>Czech Republic</b>	<b>1</b>	
MTA SZTAKI, <b>Hungary</b>	<b>4</b>	
RBI, <b>Croatia</b>	<b>2</b>	
RENAM Association, <b>Moldova</b>	<b>1</b>	
Space Research Institute of NASU-NSAU, <b>Ukraine</b>	<b>1</b>	
Tubitak Ulakbim, <b>Turkey</b>	<b>1</b>	
University of Sarajevo, <b>Bosnia- Herzegovina</b>	<b>1</b>	
University of Skopje, <b>Macedonia</b>	<b>3</b>	
University of Bucharest, <b>Romania</b>	<b>2</b>	
University of Cyprus, <b>Cyprus</b>	<b>1</b>	
University of Montenegro/IT Centar, <b>Montenegro</b>	<b>1</b>	
University of Patra, <b>Greece</b>	<b>1</b>	
		<b>Male: 93% Female: 7%</b>
		<b>Total number of participants: 28</b>
		<b>Total number of countries: 15</b>
		• 10 SEE-GRID members
		• 3 EGEE/CE members
		• 4 EGEE/other fed. members



# Feedback Analysis



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Course Component	Average value (1: poor - 6:excellent)	Standard Deviation (n=21)
Goal 1: learn the EGEE and SEEGRID projects	4.71	0.85
Goal 2: learn the usage of gLite data management tools	4.62	1.02
Goal 3: learn how to create and execute Grid applications using high level tools	4.71	0.96
Goal 4: learn about different Grid projects and applications	4.57	0.68
Overall evaluation	4.81	0.75
Advertising & Registration	4.90	0.83
Facilities	4.67	0.86

# Photos



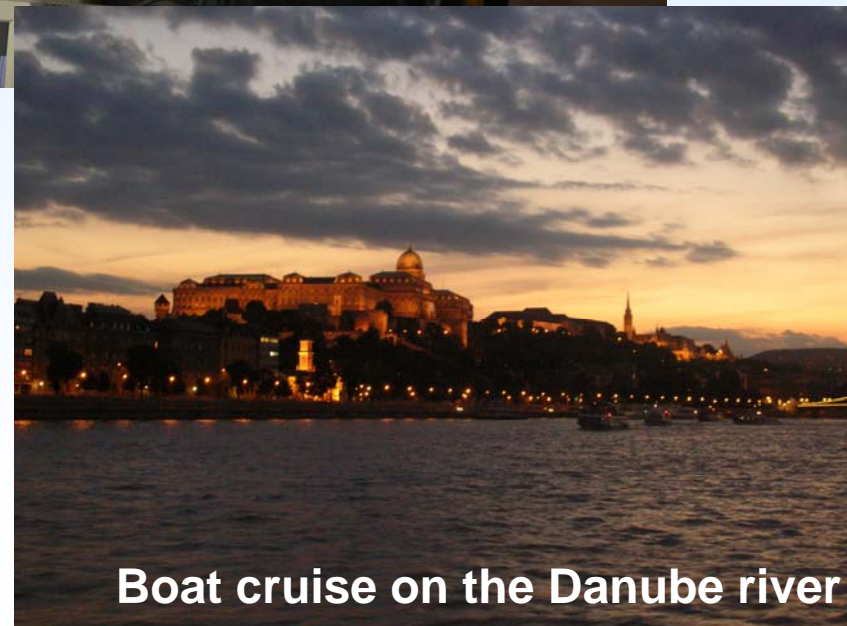
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**Hands-on labs**



**Presentations**



**Boat cruise on the Danube river**

# Visibility & Relationships



SEE-GRID

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- PR on training events
  - 3-monthly SEE-GRID-2 newsletters
  - Press release on Budapest events
  - Article in the EGEE Newsletter, September 2006
- SZTAKI:
  - Central European Training Centre in EGEE-I/II
  - Member of ICEAGE project (FP6/SSA)



# Open topics at the last Project Steering Committee meeting



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- Create a t-infrastructure?
  - Possible options
    - Independent VO?
    - Part of the SEE-GRID but several partners provide high priority to training jobs during the training period?
- Provide temporary certificate for the students?
  - WP3 (infrastructure) will provide test certificates?
  - WP3 and WP5 (training) will solve together the certificate problem?
- **Solution:** WP3 (infrastructure) team was assigned with the action to assess the % of nodes/clusters that need to support the training VO
  - Set up a «Training CA» (scheme already used in HellasGrid)
  - Trainers can request a number of certificates which are delivered to them in 'real time'
  - Trainers can request to have the certificates automatically added in a «Training VO»