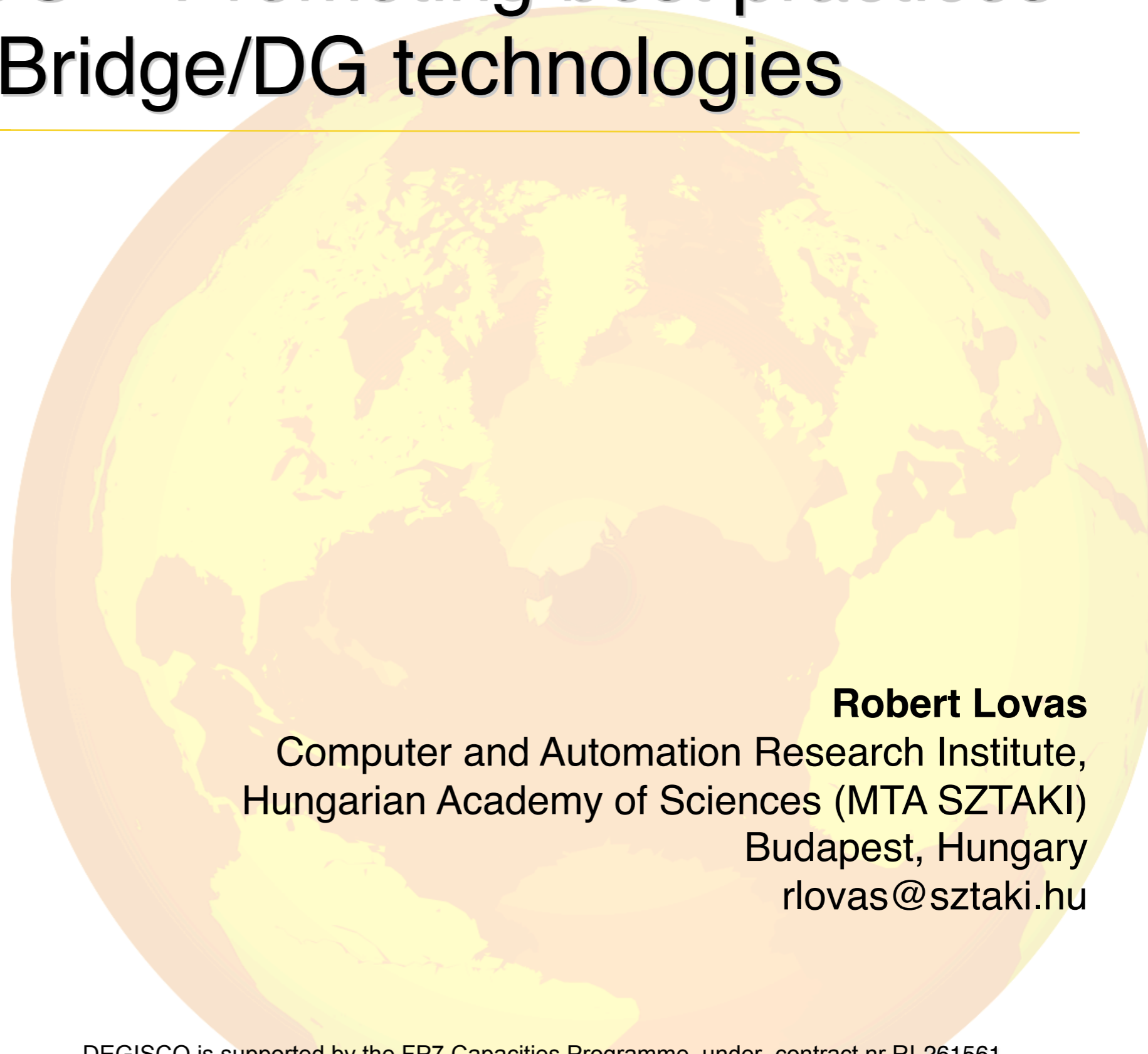




DEGISCO – Promoting best practices and 3G Bridge/DG technologies



Robert Lovas

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DEGISCO is supported by the FP7 Capacities Programme under contract nr RI-261561



DEGISCO

Desktop Grids for International Scientific Collaboration

Project acronym:
DEGISCO

Contract n°: RI-261561

Project type: CSA-SA

Start date: 01/06/2010

Duration: 24 months

Funding from the EC:
800.000 €

**Total funded effort
in person-month:** 320

Web site: <http://degisco.eu>

Coordinator:

Dr. Robert Lovas

email: rlovas@sztaki.hu

*Expand European DCIs into non-EU partner countries by supporting the creation of **new Desktop Grids** for e-Science in those countries and in Europe and by **connecting** them using the EDGeS bridge technology. **Support applications** on this expanded infrastructure, **disseminate**, promote and provide **training** about this expanded infrastructure and its usage”.*



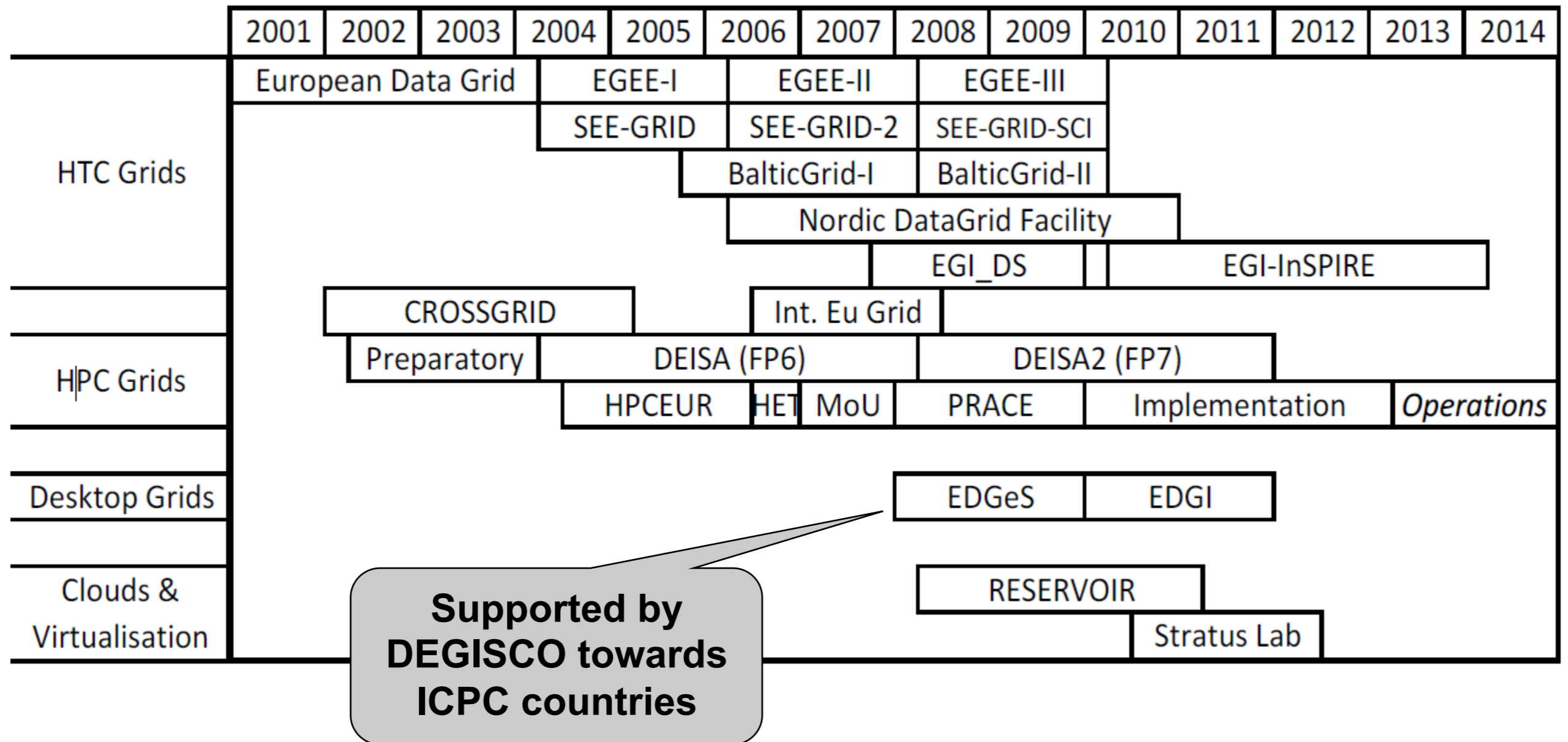
Project Background

- ▶ European e-Infrastructure **EDGeS (Enabling Desktop Grids for E-Science)** connects 100.000 Desktop Grid computers with 150.000 core EGEE and other service Grids, including EELA2, SEE-Grid
- ▶ Goal of DEGISCO:
 - ▶ Connect non-EU countries (ICPC countries in Europe, Asia and Latin-America) to this European infrastructure
 - ▶ Help them to set-up local Desktop Grids

→ <http://degisco.eu>



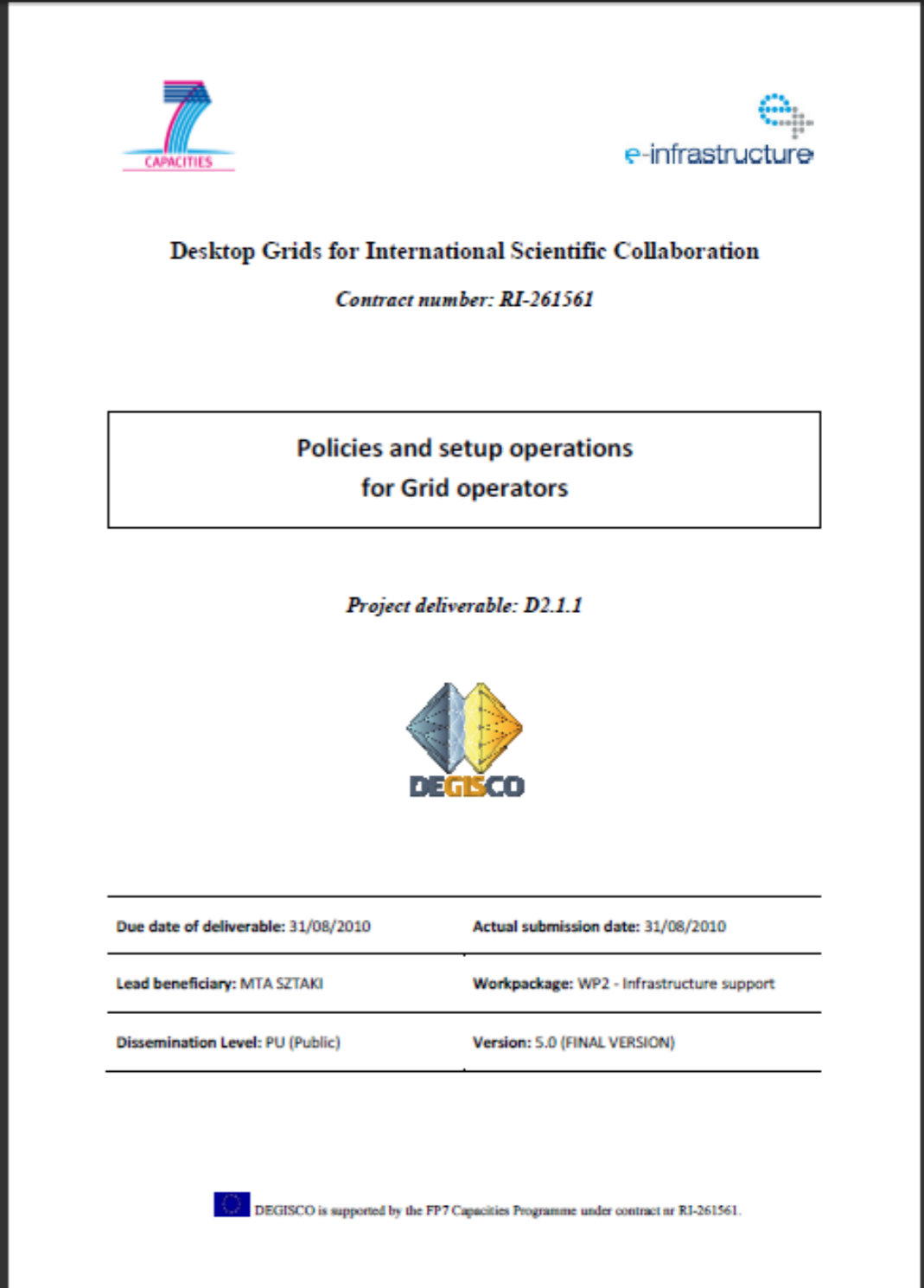
European DCI projects





Source: EGI-Inspire project

Achievements (first 9 months)

- ▶ IDGF launched (with EDGI)
- ▶ **Guide for Grid operators**
- ▶ **Best practices in application porting and support**
- ▶ **Best practices in infrastructure operation**
- ▶ Collaboration with other projects and initiatives
 - ▶ EPIKH, ERINA+, ...
- ▶ MoU template is available
- ▶ Roadmap and recommendations
- ▶ **Production, test, devel, validation infrastructures**





Desktop Grids for International Scientific Collaboration
Contract number: RI-261561

**Policies and setup operations
for Grid operators**

Project deliverable: D2.1.1

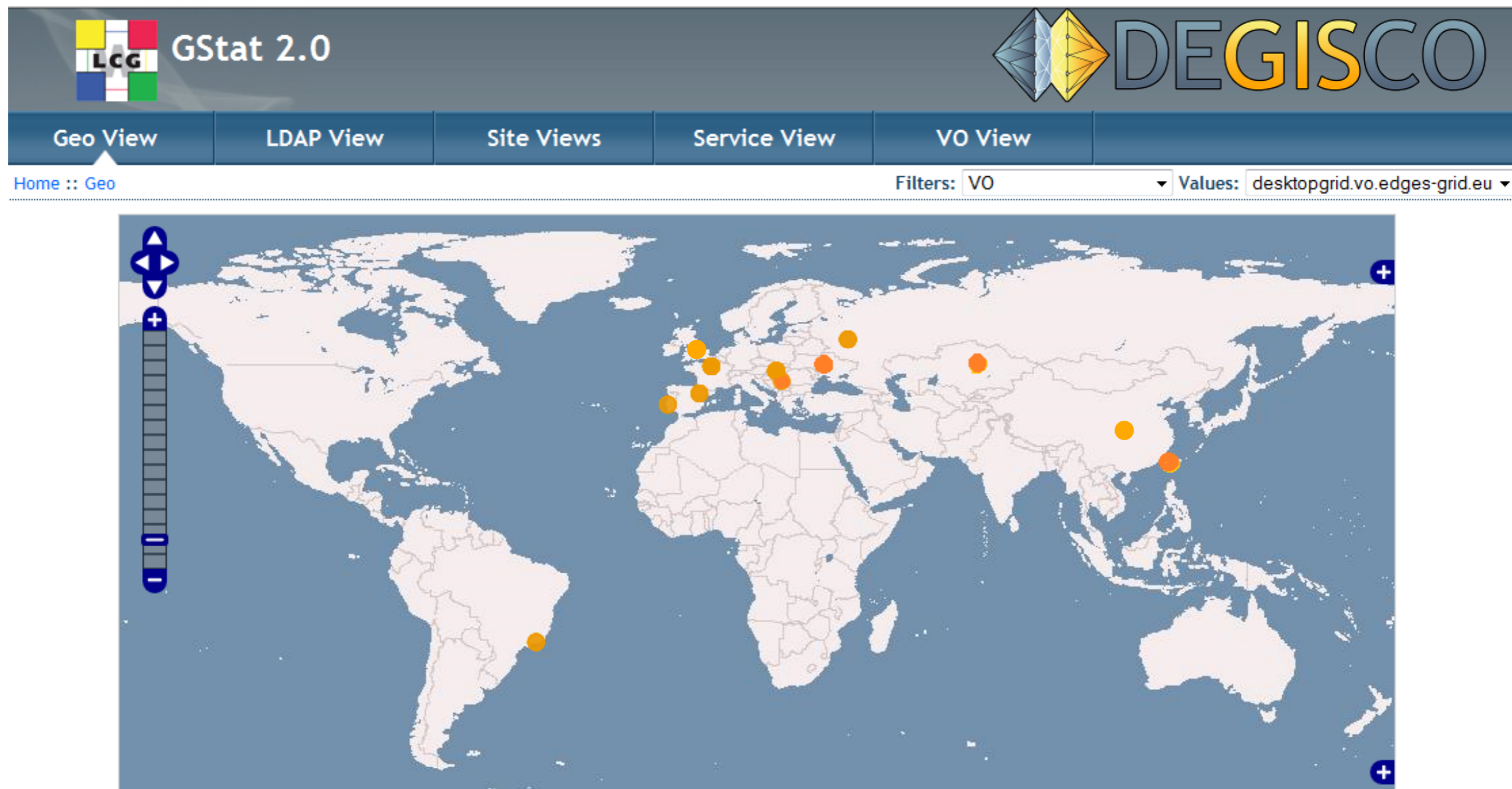


Due date of deliverable: 31/08/2010	Actual submission date: 31/08/2010
Lead beneficiary: MTA SZTAKI	Workpackage: WP2 - Infrastructure support
Dissemination Level: PU (Public)	Version: 5.0 (FINAL VERSION)

 DEGISCO is supported by the FP7 Capacities Programme under contract nr RI-261561.



Combined infrastructure with more 150.000 CPUs from DGs



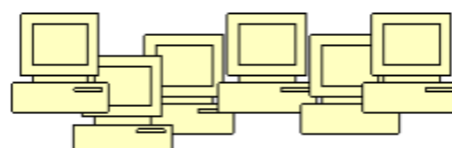
Production infrastructure

Desktop Grids

SZDG
UoW DG
LAL
LRI public

EDGES@home BOINC
AlmereGrid
EDGES@home XWHEP

Ibercivis
AlmereGrid
ISA-RAS
IMP (Q4*)



Service Grid VOs

(e.g.: SEE-GRID, VOCE, EUSASIA, GILDA, HUNGRID)

Service Grid VOs

(e.g.: EDGeS VO sites:

- ce01.eela.if.ufrj.br
- ce03.ncg.ingrid.pt
- ce-egee.bifi.unizar.es
- gn10.hpcc.sztaki.hu
- grid.isa.ru
- grid36.lal.in2p3.fr
- polgrid1.in2p3.fr
- polgrid35.in2p3.fr
- ce64.ipb.ac.rs
- grid[107,109].kfk.hu)

Production, test, development and validation infrastructure

Infrastructure type			DG	DG type	Connection	Registered DG hosts (DEGISCO)	
DEGISCO	EDGEs legacy	Production	EDGES@home	BOINC	SG→DG	10596	
			EDGES@home	XWHEP	SG→DG	0	
			SZDG	BOINC	Both	86428	
			Ibercivis	BOINC	DG→SG	47000	
			UoW DG	BOINC	Both	1881	
			LAL	XWHEP	Both	60	
			LRI public	XWHEP	Both	30	
			AlmereGrid	BOINC	DG→SG	3665	
			AlmereGrid	XWHEP	SG→DG	10	
			Fundecyt RTE DG (Q4*)	BOINC	-	-	
	NEW	Test	IMP	BOINC	DG→SG (Q4**)	1698	
			UFCG	OurGrid	Both	270	
			ISA-RAS	BOINC	DG→SG	19	
			ASGC	BOINC	SG→DG	129	
			ISA-RAS	BOINC	standalone	<10	
		Development	KBTU	BOINC	SG→DG	70	
			SZDGr	BOINC	DG→SG	<10	
			ISA-RAS	BOINC	standalone	<10	
		EDGEs legacy	Validation	KBTU	BOINC	SG→DG	<10
				UNIZAR-IBERCIVIS	BOINC	SG→DG	<10

Hierarchical support: 1st level



IDGF International Desktop Grid Federation

Start | Go to International Desktop Grid Federation | tation | Events | Infrastructures | Contact | **Forum** | Disclaimer

International Desktop Grid Federation > International Desktop Grid Federation > Forum > Integrating Desktop Grids with Service Grid using the 3G bridge > JINR site installation

Navigation

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- [Experts](#)
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- [Contact](#)
- **Forum**
- [Disclaimer](#)

Message Boards (Forum)

[Message Boards Home](#) | [Recent Posts](#) | [My Posts](#) | [My Subscriptions](#) | [Statistics](#)

JINR site installation « Back to Integrating Desktop Grids with Service Grid using the 3G bridge

Threads

Thread	Flag	Started By	Posts	Views	Last Post	
3G bridge		Robert Lovas	39	183	Date: 2/20/11 4:10 PM By: Nikolay Kutovskiy	<input type="button" value="Actions"/>
GEMLCA		Nikolay Kutovskiy	2	12	Date: 11/16/10 12:59 PM By: Nikolay Kutovskiy	<input type="button" value="Actions"/>

Showing 2 results.

[Settings](#) | [Online Friends \(1\)](#)



Ticketing: 2nd level



Desktop Grids For International Scientific Collaboration

Start The project Downloads Infrastructure Contact Disclaimer - Acknowledgement

International Desktop Grid Federation > DEGISCO project > Infrastructure > Helpdesk

Helpdesk - General Information

The helpdesk provides a centralized entry point for the 2nd level support from the IDGF infrastructure and application support experts.

Please note that the 1st level support is provided by the [IDGF forum](#), however in case of the following event categories a ticket must be opened:

- critical software bug or vulnerability in the 3G bridge or other software component
- major configuration change is needed in the Desktop Grid VO or Desktop Grid server
- security incident
- every problem with 72-hour or longer expected solution time
- misuse of the infrastructure

Registration: please write email to [idgf-helpdesk \[at\] degisco \[dot\] eu](mailto:idgf-helpdesk@degisco.eu).

Help Desk - Tickets

RT for helpdesk.degisco.eu

Logged in as rlovas | Preferences | Logout

- Home
- Simple Search
- Tickets
- Tools
- Preferences
- Approval

RT at a glance

New ticket in 3G_ASCG Search...

10 highest priority tickets I own

Edit

10 newest unowned tickets

Edit

#	Subject	Queue	Status	Created	
6	Links, acknowledgements	DG_UFCG	new	1 days ago	Take
5	EDGE@home, AlmereGrid (BOINC/XWHEP) websites	DG_Almere	new	1 days ago	Take
4	(No subject)	DG_SZTAKI	new	1 days ago	Take

Bookmarked Tickets

Edit

Quick ticket creation

Subject:

Queue: 3G_ASCG Owner: rlovas

Requestors: rlovas@sztaki.hu

Content:

Create

Reminders

Edit

Quick search




Edit

Queue	new	open	stalled
3G_ASCG	0	0	0
3G_CNRS	0	0	0
3G_IBERCIVIS	0	0	0
3G_ISA_RAS	0	0	0
3G_SZTAKI	0	0	0
3G_UFCG	0	0	0
DG_Almere	1	0	0
DG_ASCG	0	0	0
DG_CNRS	0	0	0
DG_IBERCIVIS	0	0	0
DG_IMP	0	1	0
DG_ISA_RAS	0	0	0
DG_KBTU	0	0	0
DG_SZTAKI	1	0	0
DG_UFCG	1	0	0
DG_UoW	0	0	0
SG_ASCG	0	0	0
SG_CNRS	0	0	0
SG_IBERCIVIS	0	0	0
SG_ISA_RAS	0	0	0
SG_SZTAKI	0	0	0
SG_UFCG	0	0	0
SG_UoW	0	0	0

Powered By [Liferay](#)

SZDG → DesktopGrid VO statistics

Top participants

Rank	Name	Recent average credit	Total credit	Country	Participant since
1	glennpat	10,546	1,019,227	United States	12 Dec 2008 21:51:30 UTC
2	 mindc	7,196	3,688,088	Poland	24 May 2010 21:14:01 UTC
3	Pablo	5,306	2,346,694	Ecuador	14 Jul 2005 1:52:19 UTC
4	 Infobanya 2	4,706	1,053,466	Hungary	21 Dec 2007 8:00:12 UTC
5	Jamoko	4,659	1,343,800	Czech Republic	6 Jan 2009 19:10:27 UTC
6	Lez	4,417	1,917,308	Hungary	26 Mar 2009 8:48:58 UTC
7	 Juhász András	4,233	3,702,750	Hungary	18 Nov 2007 11:57:13 UTC
8	robert.mouris	4,093	430,391	Hungary	3 Nov 2005 23:32:24 UTC
9	zombie67 [MM]	4,062	947,985	United States	24 Nov 2006 7:36:16 UTC
10	Sabroe_SMC	4,036	98,355	Germany	29 Jan 2010 17:53:23 UTC
11	 [AF>HFR>RR] mirouf71	4,022	233,618	France	6 Mar 2007 11:26:23 UTC
12	EDGeS User	3,866	2,147,907	International	3 Apr 2008 11:36:35 UTC
13	Ed Rolko	3,250	1,423,324	United States	24 Mar 2006 15:28:57 UTC
14	 KWSN-Sir Papa Smurph	3,129	1,011,295	United States	20 Apr 2008 21:53:18 UTC

‘EDGeS User’ represents the Bridge and Desktop Grid VO



New Desktop Grids launched

SLinCA@Home

About SLinCA@Home

SLinCA (Scaling Laws in Cluster Aggregation) is a research project that uses Internet-connected computers to do research in field of materials science. You can participate by downloading and running a free program on your computer.

SLinCA is based at [G.V.Kurdyumov Institute for Metal Physics \(National Academy of Sciences of Ukraine - NASU\)](#).

Project Description, Wiki, FAQ, and other sections are under construction, but some info can be found in

- [Wikipedia](#), the free encyclopedia;
- [our publications](#).

SLinCA@Home is supported by our partners: [DEGISCO](#), [IDGF](#), and [Distributed Computing team 'Ukraine'](#).

Join SLinCA@Home

- [Llegiu les regles i normes nostres](#)
- This project uses BOINC. If you're already running BOINC, select Attach to Project. If not, [download BOINC](#).
- When prompted, enter <http://dg.imp.kiev.ua/slinca/>
- If you're running a command-line or pre-5.0 version of BOINC, [create an account](#) first.
- If you have any problems, [get help here](#).

Technical Details

- Number of registered users: **1800**.
- Number of active users: **336**.
- Number of hosts: **617**.
- Number of active teams: **77**.
- Estimated performance: **777.476** GFLOP/s.
- Peak performance: **1258.785** GFLOP/s.
- **The current** conditions for 1 workunit per 1 CPU core (2.4GHz) are as

Usuari del Dia



[tigermann \[SG\]](#)

Spitzname [tigermann](#)

Geboren 26.01.1970

Wohnort Dresden

Beruf PC-Techniker, Kommunikationselektroniker

Team [Seti.Germany...](#)

News

More about SLinCA@Home project in Wikipedia.

March 18, 2011, 17:58 GMT

Some basic info (history, applications, results, etc) about **SLinCA@Home** project was published (in English at the moment) in Wikipedia at en.wikipedia.org/wiki/SLinCA@Home.

SERVER STATUS: Bug with 'file_upload_handler' was fixed.

March 16, 2011, 12:88 GMT

Yesterday and today, some error in server operation ruined permissions for some files, upload was impossible for some time, and project performance dropped significantly. Just now we fixed this problem and apologize for delay with upload of some results.

SERVER STATUS: We foresee potential problems with a stable power supply -> server could be unavailable in the next 5 days.

March 04, 2011, 13:28 GMT

During the following 5 days (4-8 March) we foresee some potential problems with a stable power supply. That is why, we apologize in advance, if some unpredictable problems will appear due to temporal inaccessibility of **SLinCA@Home** project server. Despite all these hardships, by our estimations **we will finish the next half-year programme of calculations ... during the next week** (and major upgrade of application will be made)! **Thanks to all for your tremendous support!**

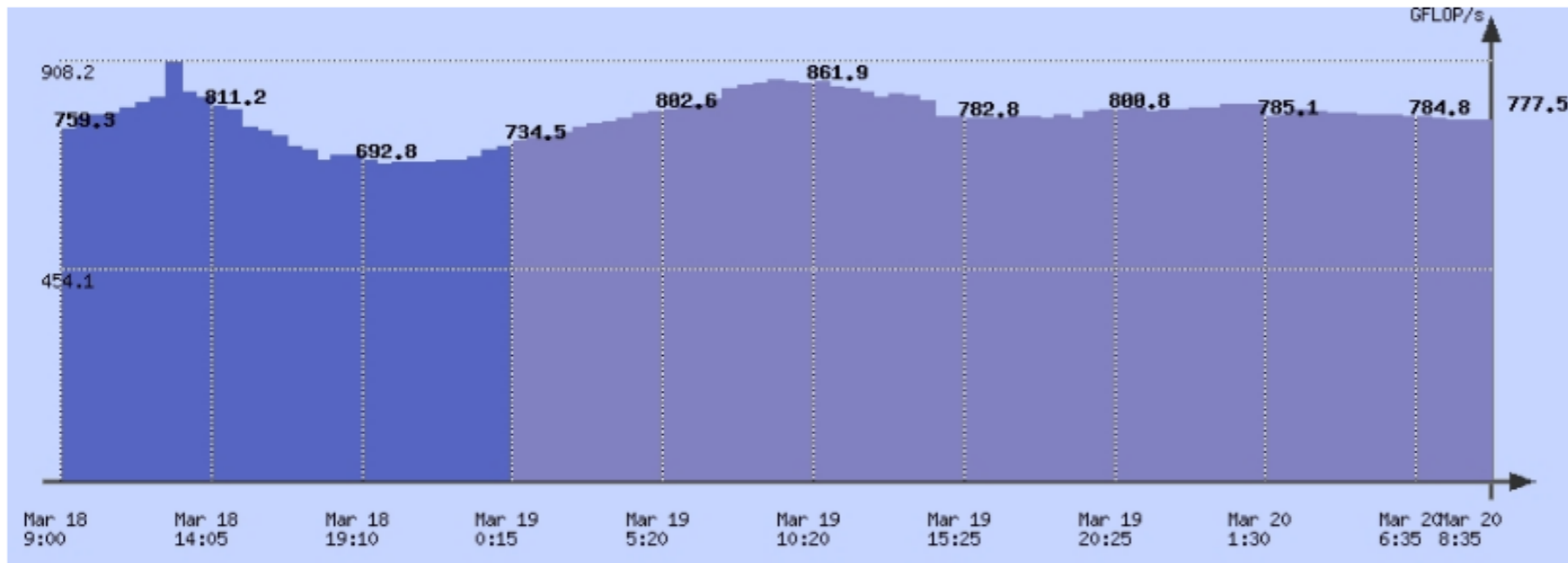
SERVER STATUS: Server hardware will be upgraded today.

February 28, 2011, 07:45 GMT

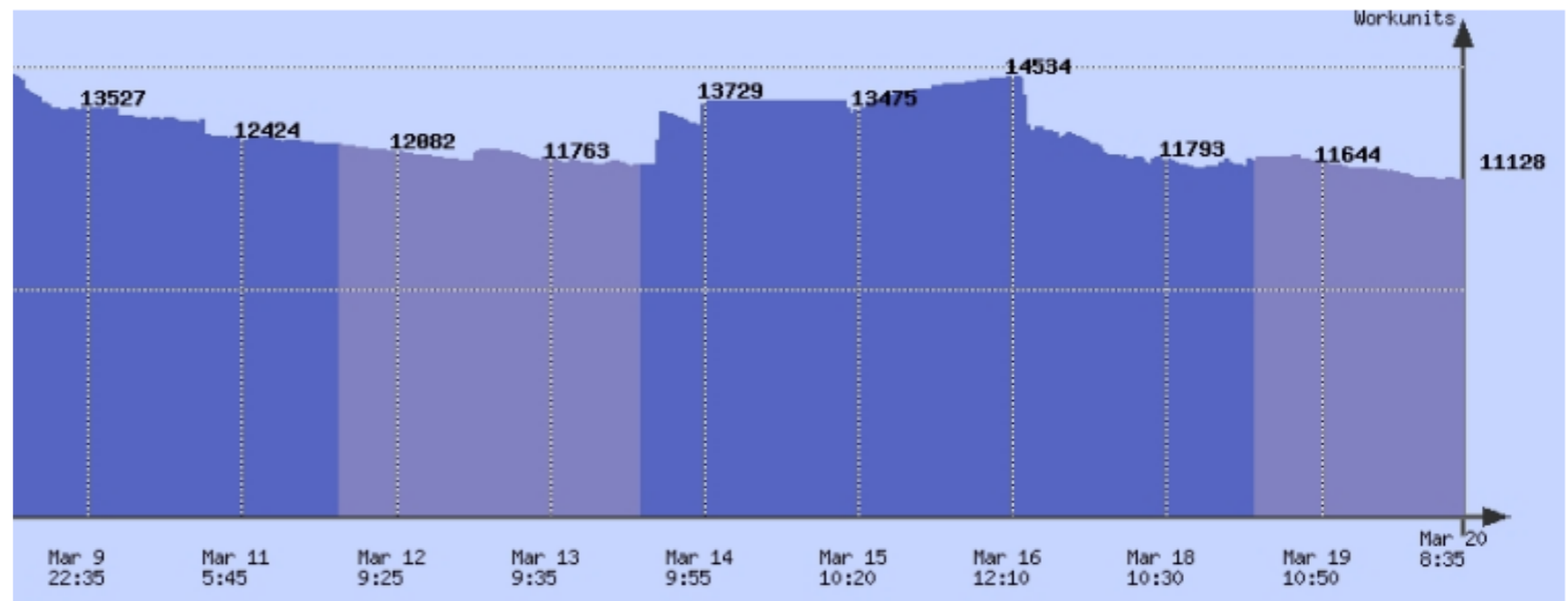
For the further stable scaling-up we will upgrade our project server hardware today (28 February, 2011) with a short interruption from 10:00 GMT to 12:00 GMT. Then all inprogress workunits will be accepted, and the limited number of unspent workunits will be available.

The next milestone on the testing stage: peak performance > 1 TFLOP/s...

SLinCA@Home Statistics



Last 48 hours performance

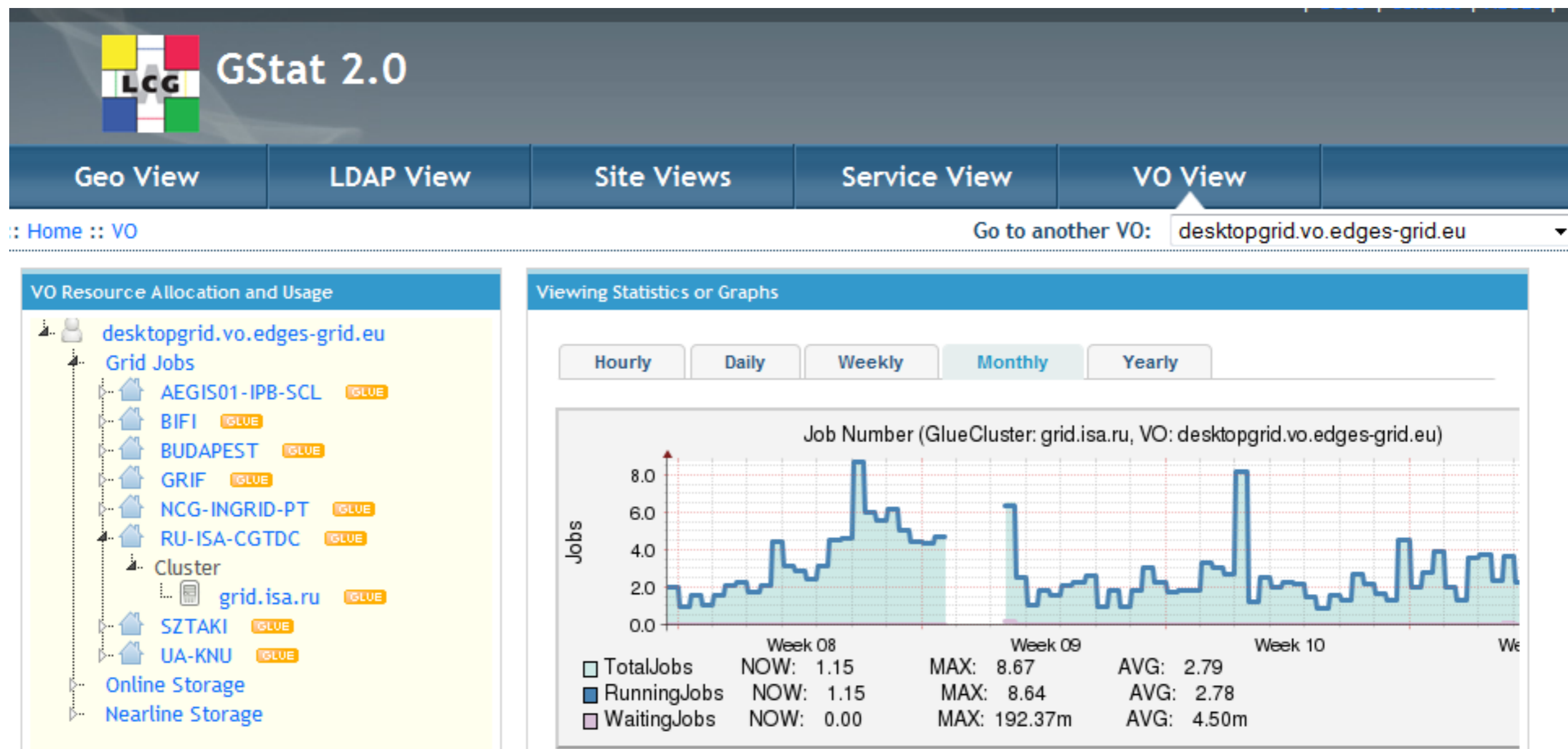


Number of in-progress workunits for the last 14 days



New Service Grids connected

Russian Data Intensive Grid site added



Desktop Grid Application Super-Repository

This super-repository lists all applications which we know that are supported on Desktop Grids. It contains applications supported by the EDGI and DEGISCO projects, but also other applications will be listed.

- AutoDock (Molecular docking simulations using AutoDock)
- BNB-Grid (A Generic Framework for Implementing Optimization Algorithms on Distributed Systems)
- BinSys (Search for Generalized Number Systems)
- Blender (Blender: 3D Video Rendering)
- CALD (laserac: CALD - Cellular Automata-based Laser Dynamics)
- CPDynSG (City Population Dynamics and Sustainable Growth)
- Cisterns ()
- Convert (ImageMagick Convert)
- Correlizer ()
- DART (Audio Retrieval)
- DSP (DSP: Defining the class of optimal periodic non-uniform)
- EMMIL (E-Marketplace Model Integrated with Logistics)
- EpanetGrid ()
- ISDEP (Nuclear Fusion application)
- InterProScan ()
- MOPAC (MOPAC (Molecular Orbital PACKage))
- Marbs ()
- Merlin (Genetic Linkage Analysis)
- MultiscaleIVideoP (Multiscale Image and Video Processing)
- PLINK (Analysis of Genotype Data)
- PR (PR: Patient Readmission Application)
- Reservoir ()
- SIMAP (Simulating and analysing the dynamic behaviour of)
- SLinCA (Scaling Laws in Cluster Aggregation)
- SOGA (Signal and Image Processing with GT4Tray)
- UCExplorer ()
- VAST (VisuAl and SemanTic image search)
- ViSAGE (Video Stream Analysis)

Desktop Grid Application Super-Repository

[\[IDGF Application overview\]](#) [\[Production Application Repository\]](#) [\[Validation Application Repository\]](#)

BNB-Grid Software product

Long name
A Generic Framework for Implementing Optimization Algorithms on Distributed Systems

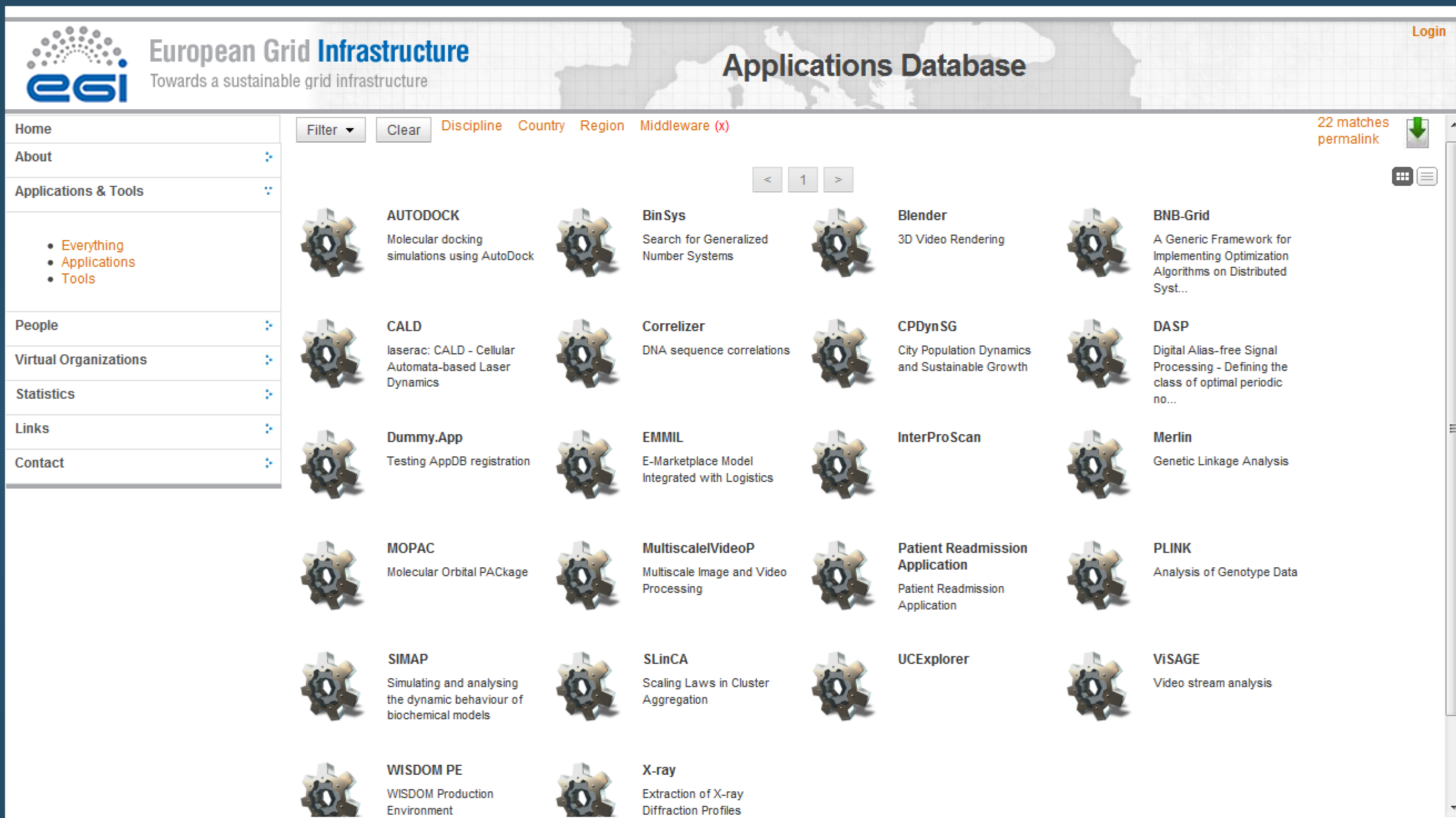
Description
Optimization methods are actively used in engineering design, material science, bio-informatics, computational chemistry and many other fields. Due to the inherent computational complexity of most practical optimization problems, in many cases these methods require the computing power beyond the capability of available computational resources. Thus using high-performance computing is inevitable. The global optimization framework BNB-Grid is aimed at solving hard combinatorial, discrete and global optimization problems in a distributed heterogeneous computing environment. BNB-Grid has been successfully applied to molecular conformation problem that plays an important role in computational chemistry and to cryptanalysis of A5/1 cryptosystem. For both problems new results were obtained.

Supported by
DEGISCO

Runs on BOINC Grid
[\[Local Desktop Grid - ISA-RAS \]](#)

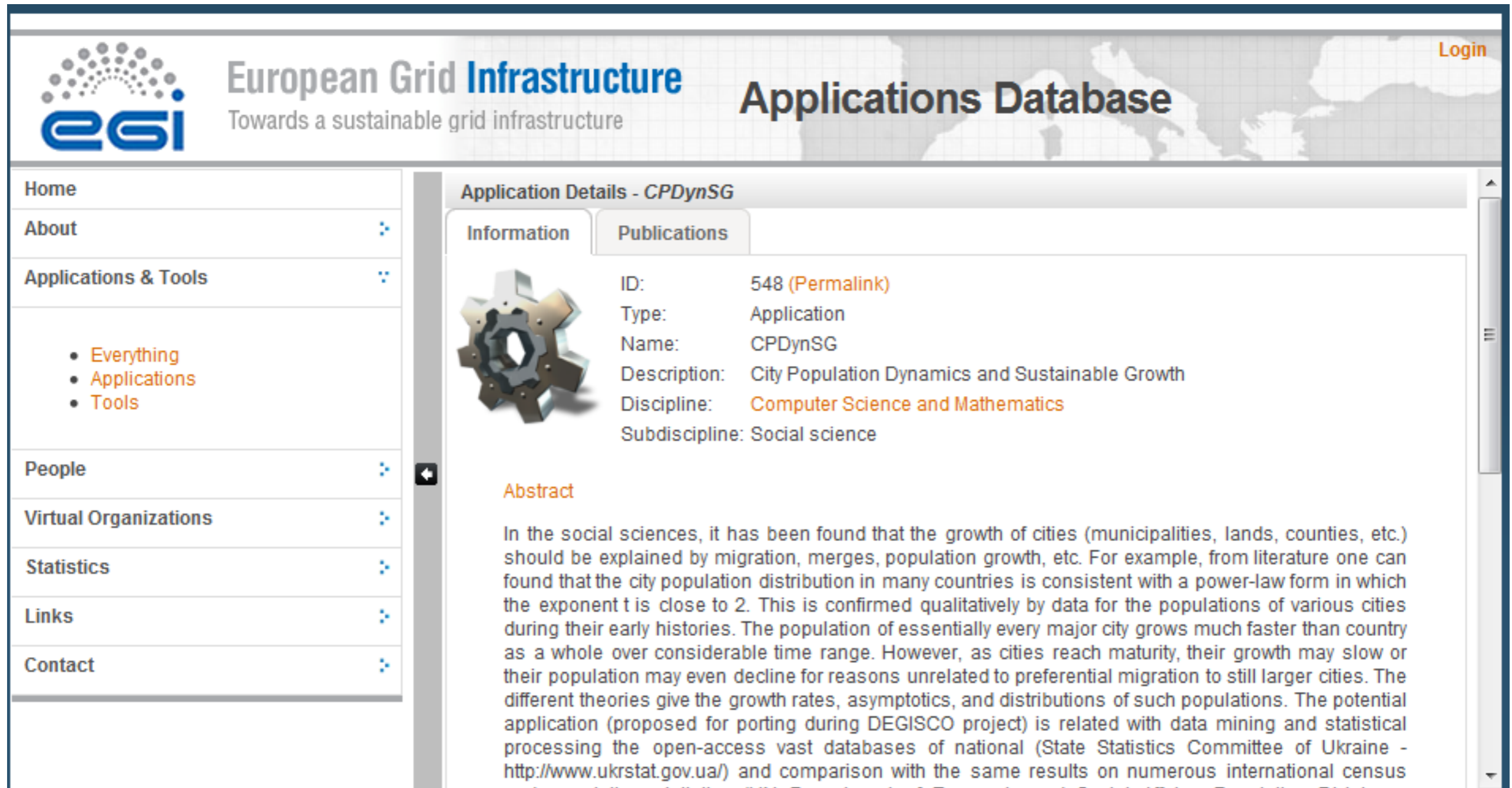
Available in repository
DEGISCO Application Repository [\[BOINC \]](#)
DEGISCO Application Repository [\[XtremWeb \]](#)

Some applications available @ EGI AppDB



The screenshot shows the EGI Applications Database interface. At the top left is the EGI logo with the tagline 'Towards a sustainable grid infrastructure'. The main title is 'Applications Database'. A navigation menu on the left includes 'Home', 'About', 'Applications & Tools' (with sub-items: Everything, Applications, Tools), 'People', 'Virtual Organizations', 'Statistics', 'Links', and 'Contact'. The main content area displays a grid of application cards, each with a gear icon, a title, and a brief description. The cards are arranged in four columns and six rows. At the top right of the main area, there are filter options: 'Filter', 'Clear', 'Discipline', 'Country', 'Region', and 'Middleware (x)'. A '22 matches permalink' link and a download icon are also present. A pagination bar shows '< 1 >'. The footer contains copyright information and version details.

Application Name	Description
AUTODOCK	Molecular docking simulations using AutoDock
Bin Sys	Search for Generalized Number Systems
Blender	3D Video Rendering
BNB-Grid	A Generic Framework for Implementing Optimization Algorithms on Distributed Syst...
CALD	laserac: CALD - Cellular Automata-based Laser Dynamics
Correlizer	DNA sequence correlations
CPDynSG	City Population Dynamics and Sustainable Growth
DASP	Digital Alias-free Signal Processing - Defining the class of optimal periodic no...
Dummy.App	Testing AppDB registration
EMMIL	E-Marketplace Model Integrated with Logistics
InterProScan	
Merlin	Genetic Linkage Analysis
MOPAC	Molecular Orbital PACKage
MultiscaleVideoP	Multiscale Image and Video Processing
Patient Readmission Application	Patient Readmission Application
PLINK	Analysis of Genotype Data
SIMAP	Simulating and analysing the dynamic behaviour of biochemical models
SLinCA	Scaling Laws in Cluster Aggregation
UCExplorer	
VISAGE	Video stream analysis
WISDOM PE	WISDOM Production Environment
X-ray	Extraction of X-ray Diffraction Profiles



The screenshot shows the 'European Grid Infrastructure Applications Database' website. The header includes the EGI logo and the text 'Towards a sustainable grid infrastructure'. The main title is 'Applications Database'. A navigation menu on the left lists: Home, About, Applications & Tools (with sub-items: Everything, Applications, Tools), People, Virtual Organizations, Statistics, Links, and Contact. The main content area is titled 'Application Details - CPDynSG' and has two tabs: 'Information' and 'Publications'. Under the 'Information' tab, there is a gear icon and the following details: ID: 548 (Permalink), Type: Application, Name: CPDynSG, Description: City Population Dynamics and Sustainable Growth, Discipline: Computer Science and Mathematics, and Subdiscipline: Social science. Below this is an 'Abstract' section with the following text: 'In the social sciences, it has been found that the growth of cities (municipalities, lands, counties, etc.) should be explained by migration, merges, population growth, etc. For example, from literature one can find that the city population distribution in many countries is consistent with a power-law form in which the exponent t is close to 2. This is confirmed qualitatively by data for the populations of various cities during their early histories. The population of essentially every major city grows much faster than country as a whole over considerable time range. However, as cities reach maturity, their growth may slow or their population may even decline for reasons unrelated to preferential migration to still larger cities. The different theories give the growth rates, asymptotics, and distributions of such populations. The potential application (proposed for porting during DEGISCO project) is related with data mining and statistical processing the open-access vast databases of national (State Statistics Committee of Ukraine - <http://www.ukrstat.gov.ua/>) and comparison with the same results on numerous international census'.



Founding members of



Huazhong University of Science & Technology



New non-EU IDGF member institutes

- ▶ **Institute for Informatics and Automation Problems of the National Academy of Sciences of the Republic of Armenia**



- ▶ **Institute of Computational Technologies - Siberian Branch of the Russian Academy of Sciences**



- ▶ **... you are welcome!**

GREEN DESKTOP GRID METHODOLOGIES

▶ DEGISCO starts with a short list of 6 methodologies which are collection of best practices, techniques and policies:

- 1. Ambient metrics based Green optimization*
- 2. Cool strategy: avoid air-condition use*
- 3. Energy profiling of applications*
- 4. Exploitation of natural ambient conditions*
- 5. Time-of-day dependent energy tariffs*
- 6. CPU speed steps*

Collaboration opportunities

- ▶ Join International Desktop Grid Federation (individual or institute)
 - ▶ Sign Memorandum of Understanding between your national projects and the DEGISCO project
 - ▶ Be early adaptor of recommendations and roadmaps
 - ▶ Support and consultancy: deployment and maintenance of new (volunteer) Desktop Grids in Asia
 - ▶ Application porting support for Asian scientists
 - ▶ Support for dissemination and outreach of results and plans
-
- ▶ 1st contact points from Asia: ASGC from Taipei, KBTU from Kazakhstan, HUST from Wuhan

Upcoming events: ISGC 2011 – Desktop/ Volunteer Grid session + invited talk



iSGTW INTERNATIONAL SCIENCE GRID
THIS WEEK

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Announcement - CFP: ISGC 2011

The International Symposium on Grids and Clouds ([ISGC 2011](#)) in conjunction with the Open Grid Forum ([OGF 31](#)) will be held at Academia Sinica in Taipei from 21-25 March 2011 with co-located events from 19-21 March 2011, including: IGTF All-Hands Meeting, IDGF Tutorial, Asia@home Hackfest, and iRODS Workshop. The conference is hosted by the Academia Sinica Grid Computing Centre (ASGC).

ISGC 2011 is now accepting abstract submissions on the following topics:

- HEP Applications
- Biomedicine & Life Sciences Applications
- Earth Sciences Applications
- Humanities & Social Sciences Applications
- Environmental Monitoring & Disaster Mitigation
- Operation & Management
- Middleware & Interoperability
- Security & Networking
- Data Infrastructure
- Grids & Clouds
- Desktop Distributed System

For more information, please refer to the [call for papers](#) (PDF).

Tags: [Announcements](#) [Asia](#) [Biology and genomics](#) [Cloud computing](#) [Data management](#) [Earth science](#) [Environment](#) [Event](#) [Grid computing](#) [Humanities Management/administration](#) [Middleware](#) [Networks](#) [Security](#) [Technology](#)

iSGTW 15 December 2010

[Feature - Sounding the undersea world](#)

[Feature - Grid scatters light on protein structures](#)

[Feature - Putting the "u" \(you\) in "security"](#)

[Link of the Week - Le Café Grille](#)

[Image of the Week - Songs of comfort and joy](#)

! Announcements

[Deadline extended until 24 December for proposals, EGI User Forum 2011](#)

[Proposals deadline, ICETI 2011 and ICSIT 2011, 17 December](#)

[Lift 11 comes to Geneva, February 2011](#)

[TERENA Networking Conference, Prague, May 2011](#)



Upcoming events: EGI UF 2011 – IDGF workshop + EDGI demo



European Grid Infrastructure

Towards a sustainable grid infrastructure

[Contact us](#) | [Site map](#) | [Intranet](#)

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- Technology >
- Policy >
- Infrastructure >
- Publications >
- Projects >
- Collaboration >

EGI User Forum 2011: Call for Participation

[Home](#) > [Publications](#) > [Newsletters](#) > [Inspired Autumn 2010](#) > EGI User Forum 2011: Call for Participation

EGI welcomes extended abstracts for presentations, posters, stands and demonstrations

The European Grid Infrastructure (EGI) has announced the [Call for Participation](#) in the [2011 User Forum](#) to be held in Vilnius, Lithuania (11-15 April).

The User Forum will be organised by EGI.eu in partnership with Vilnius University and LITGRID, the Lithuanian National Grid Initiative (NGI). The event will be held in conjunction with the [European Middleware Initiative \(EMI\)](#), with its first conference on distributed computing, through a number of dedicated technology tracks, alongside tracks featuring user experiences from within the EGI community.

Vilnius was selected to host the User Forum in September, after an open bidding process that started in Summer and concluded in September.

The conference will showcase the diversity of EGI's user community and the broad range of topics which binds it together. The aim is to help everyone, from end-users to application developers, operations staff and technology providers, to share recent developments, work in progress and know-how through demonstrations, presentations, posters and workshops.



Upcoming events: CHAIN/EPIKH School (IDGF tutorial to be held)

Asia 3 2011 - Joint CHAIN/EPIKH School for Application Porting

16-26 May 2011

Beijing (China)

- Overview
- Timetable
- Submit an application
- Logistic information

Home

CHAIN (Co-ordination and Harmonisation of Advanced e-INfrastructures: <http://www.chain-project.eu/>) and **EPIKH** (Exchange Programme to advance e-Infrastructure Know-How: <http://www.epikh.eu/>) announce the Grid School for Application Porting to be held in Beijing, China.

The Grid School aims at increasing the number of scientific/industrial applications running on the EUChinaGRID infrastructure. The School also aims at bringing new research groups to use the EUChinaGRID resources as well as to diversity the application domains and scientific communities.

Important deadlines:

- Application submission: April, 30, 2011;
- Notification of acceptance: May, 7, 2011;
- Registration (only for accepted candidates): Between May, 8 and 15, 2011.

The school is mostly intended, but not restricted, EPIKH members.

To fulfill the goal of this Grid School, the program, based both on lectures and hands-on practices, will cover in-depth the main topics of Grid technology as well as the gLite middleware technicalities.

Good previous knowledge about Linux, for Linux applications, or Windows, for Windows applications, is mandatory, and knowledge about the gLite middleware is highly desirable. Candidates are strongly encouraged to take a look on the training materials available at: <https://grid.ct.infn.it/twiki/bin/view/GILDA/UserTutorials> in order to gain confidence.

Upcoming events: ChinaGrid 2011



The 6th ChinaGrid Annual Conference **ChinaGrid 2011** **August 22-23, 2011, Dalian, China**

Thursday, December 16, 2010 1:53:33 PM

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INTRODUCTION

The 6th ChinaGrid Annual Conference (ChinaGrid 2011) Hosted by ChinaGrid Working Group Undertaken by School of Computer Science & Technology and Network and Infomationization Center, Dalian University of Technology, China.

The Main Topics

The main topics of interest include, but are not limited to:

- Virtualization and grid computing
- Cloud computing
- Applications, including eScience and eBusiness Applications
- Architectures and Fabrics
- Autonomic and Utility Computing on Global Grids
- Cluster and Grid Inteqration

Thank you for your attention ...

Any
question?

For more information please visit the Websites:

<http://degisco.eu>

<http://desktopgridfederation.org>



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