EGEE'07

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Book of abstracts

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Plenary / 0

Towards Multi-Petascale Grids in the 2010s

While there is general consensus that computing platforms underlying the grid infrastructures will continue to evolve, variance in the speed of technology acceleration in HPC is causing many of the assumptions made in the early days of grid to no longer hold. Such divergence
in the metrics, as well as wider proliferation of related technologies such as Web2.0, will be changing the optimal design of the overall grid infrastructure towards more centralization. Based on our recent
experiences with our TSUBAME supercomputer, which is currently Asia-Pac's fastest machine according to the Top500, and its next petascale generation design thereof, we will discuss the future design of multi-petascale grids with such machines being constituent massive resource
nodes instead of vast distribution.

Technical Plenary / 1

Sensible Cities: Digitally Augmented Urban Environments

The real-time city is now real! The increasing deployment of sensors and hand-held electronics in recent years is allowing a new approach to the study of the built environment. The way we describe and understand cities is being radically transformed - alongside the tools we use to design them and impact on their physical structure.
Studying these changes from a critical point of view and anticipating them is the goal of the MIT SENSEable City Laboratory.
At the Conference I will discuss the lab's long-term Wiki City project, which is based on last year's Real Time Rome project. Here, the lab used analysis of aggregate cell phone traffic to generate traffic maps. With cell-phone locations mapped anonymously at regular intervals, Roman city planners could see the pulse of the city in real time.
Wiki City builds upon this idea, envisioning an interactive, digitally augmented city that would also integrate location-based services, WiFi-based wikis and environmental sensor input. This with the ultimate aim of leading to an overall increased efficiency and sustainability in making use of the city environment.

Technical Plenary / 3

The National Grid Initiative D-Grid

Dr. GENTZSCH, Wolfgang [1]

[1] *D-Grid, Duke, e-IRG, e-School, Father, GFSG, PCAST, and RENCI*

In 2005, the German D-Grid Initiative started with 7 projects in the areas grid infrastructure, astronomy, climate research, high energy physics, engineering, medical research, and humanities. Recently, 12 additional 'community grid' projects kicked off.
In this presentation, we will present an overview on D-Grid and summarize our experience in creating the grid infrastructure and the grid application communities, and the challenges we are facing. We will conclude with a set of lessons learned and recommendations.

Technical Plenary / 4

A Grand Challenge for the Information Age

Dr. BERMAN, Francine [1]

[1] *San Diego Supercomputer Center*

The information Age has created a paradigm shift for research, education, commerce, and modern life. Current estimates are that in 2006, 161 exabytes (10^18 bytes) of digital data were created, and by 2010, the torrent of digital data generated will reach a zettabyte (10^21 bytes). Critical to the success of efforts in the Information Age is the ability to use, access, manage, and preserve digital data, and a reliance on the assumption that our most valuable digital data will be there when we need it. Data is the foundation of the Information Age, and preserving digital data for the foreseeable future is an emerging Grand Challenge.
Best practices in digital data reliability involve the replication of valuable data collections. From the first, grid technologies have been a natural fit for the challenge of preserving multiple copies of digital data collections, and today, data grids provide a rich platform for data stewardship, management, and preservation services.
The San Diego Supercomputer Center is a pioneering U.S. Center leading the development and provision of data grid technologies and cyberinfrastructure for managing, storing, preserving, and using digital data. Leveraging collaborations in the U.S. with the National Science Foundation, the Library of Congress, and the National Archives and Records Administration, SDSC is providing innovative leadership in the area of data Cyberinfrastructure and data preservation. In this talk, SDSC Director Fran Berman describes SDSC's approach to digital preservation, and discusses the next generation of opportunities and challenges for the data that drives the Information Age.

Demo session / 6

Large-scale ATLAS simulated data on EGEE

Dr. ESPINAL, Xavier [1]; Dr. CAMPANA, Simone [2]; Dr. WALKER, Rodney [3]

[1] *PIC/IFAE*

[2] *CERN*

[3] *TRIUMF*

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Technical Plenary / 7

EGEE Grid Operations – 3 years of progress

Corresponding Author: ian.bird@cern.ch

The EGEE grid infrastructure has grown over the 42 months of EGEE and EGEE-II from around 40 sites to over 250. It is now in daily use on a significant scale with continuous workloads of over 100,000 jobs per day, and is acting as the primary source of computing and storage for several application communities. Although this growth has been impressive, with the LHC coming on-line less than a year from now the scale of resources and workload is still expected to increase dramatically. This talk will summarise the progress that has been made in building this production infrastructure, and discuss the major challenges still to be faced both in the near future and in the longer term.

Plenary / 8

Welcome from the local organiers - Károly Molnár, Rector of BME

Plenary / 9

Istvan Hiller, Minister of Education and Culture

Plenary / 10

Norbert Kroo, Vice-President of the Hungarian Academy of Science

Plenary / 11

Akos Detreköi, President of NCCIT

Plenary / 12

Ulf Dahlsten, Director of "Emerging Technologies and Infrastructures - Applications", EU

Plenary / 13

Gold sponsor - Oracle: Peter Fuzes, Oracle Hungary Managing Director

Title: Grid Adoption and Research
The Grid has proven itself as a viable solution for the Industry and Oracle Grid technology has been widely adopted by a large number of customers both in commercial and scientific cutting-edge environments. Research in Grid and related technologies however continues to be crucial to the evolution of large distributed infrastructures, data-driven information systems and services.

The talk will give an overview of directions and latest developments of Oracle Grid technology, outlining key R projects Oracle is leading in this domain and describing a few examples in Hungary, EGEE'07 hosting country.

Plenary / 14

Bob Jones, EGEE-II Project Director

Plenary / 15

Logistics Information

Technical Plenary / 16

The gLite middleware

Corresponding Author: claudio.grandi@cern.ch

The gLite 3 middleware has been in production for about one year and a half. Since its first release many improvements have been made in terms of performance and usability. Concurrently the gLite software process has been improved and the benefits of the single component release process are realised. gLite is now undergoing a multi-stage restructuring process with the aim to make it more maintainable, manageable and portable. Older legacy components will only be maintained until their successors are considered ready. The development effort will be focused on components that have a strategy to interoperate with other Grid infrastructures and to adhere to international standards.

COD-14 (closed meeting) / 17

Working groups proposed schedule 1/2

Track and Update issues:
- Tools Improvements for COD -- includes SAM WG, SAMAP WG and gstat WG
- Best Practices for COD -- includes Operational Procedure Manual editorial comittee

COD-14 (closed meeting) / 18

Working groups proposed schedule 2/2

- CIC integration --includes third party and permanent guests.
- Failover Process.

EGEE Grid Operations (SA1) - Site Monitoring and Visualization / 19

Grid Services Monitoring Working Group

Corresponding Author: james.casey@cern.ch

The presenter will provide an overview the Grid Services Monitoring WG activities and and introduction to the following presentations.

EGEE Grid Operations (SA1) - Site Monitoring and Visualization / 20

Visualizing the State of the Grid with GridMaps

Dr. BÖHM, Max [1]; Dr. KUBLI, Rolf [2]

[1] *CERN EDS*

[2] *EDS*

Corresponding Author: max.boehm@cern.ch

A new approach to visualization of complex monitoring data of the entire Grid.

EGEE Operations (SA1) / 21

Report on SLA progress

Corresponding Author: iliaboti@grnet.gr

EGEE Operations (SA1) / 22

Evolution of the role of the PPS

EGEE Operations (SA1) / 23

How to deal with the media; and how to write articles

Tips from NA2 on working with the press/media, and writing articles for general consumption.

COD-14 (closed meeting) / 24

CIC integration

Report on portal integration : FR/CE --30'
- Update on GOCDB and scheduled downtimes : UK/FR
Tools Improvements for COD and feedback from sites: CE -- 20'
- Report on SAM/FCR/COD status : CERN/FR
- Report on SAMAP : CE
- Report on GSTAT : TW
Failover procedures - Global: IT --30'
BEst PraCtices for COD – Global COD session : DE-CH --10'
- Update for Operations Procedure: SWE
AOB

EGEE Operations (SA1) / 25

ISSeG: Site Security Training

Corresponding Author: d.j.b.jackson@rl.ac.uk

Site security is important to us all but how can it be made easier to implement? This training session will outline the approaches to Integrated Site Security (ISS) and the general recommendations that have been identified following practical implementation at two European Grid sites. The emphasis is on practical advice on how to link technical, administrative and training issues to improve overall site security independent of site size, VO type or your role within the site. The session is not solely focused on technical issues so users and managers / administrators will be able to take away some advice for their sites.

COD-14 (closed meeting) / 26

Tools Improvements for CODs

EGEE Operations (SA1) / 27

VO manager - ROC manager topics

Corresponding Author: charles.loomis@cern.ch

- VO registration procedure explained (25') (Frédéric Schaer and Rolf Rumler)

* Description of the process, states of a VO, security aspects, relation to other fields
* Specific problems and actions:
- Main problems encountered during registration
- Site problems during VO deployment: results of a study (Frédéric)
- Sites abandonning support for a specific VO, how-to, consequences (Frédéric)
- VO deregistration
- User Support (short; see next presentation)

- VO specific and grid specific user support (25') (Torsten Antoni)

The aim of this session is to bring together VO and Grid experts to discuss user support issues. With the LHC ramping up to full production the number of user on the grid with little experience in grid computing will increase drastically. This will of course also increase the workload on the support staff from the VOs and from operations. Therefore it is vital to have a well defined, reliable and well working user support infrastructure, including operations and all VOs. The roles of all participants to this infrastructure and their responsibilities have to be clear and an overall process description should be worked out. The roles and responsibilities for the VOs in this process of course vary with the size and structure of the individual VOs and does the possible technical implementation.
In this session we aim to revive the discussion of this topic which is vital for building a sustainable production quality infrastructure.
We invite all VO managers and user support expert to join us, so that their requirements and needs will be properly taken into account.

- Resource allocation (25') (Rolf Rumler)

* Current procedure (workflow, assessment/utilisation)
* Ideas for EGEE-III
* Discussion

COD-14 (closed meeting) / 28

Best Practices Session - incl GGUS and Operations Manual -

COD-14 (closed meeting) / 29

Failover procedures and tools topic

EGEE Operations and gLite Middleware (SA1 & JRA1) / 30

Overview of service management issues (checklist?)

Corresponding Author: alessandra.forti@manchester.ac.uk

30' presentation + 1h discussion

EGEE Operations and gLite Middleware (SA1 & JRA1) / 31

Summary of progress with improving logging

Corresponding Author: ljocha@ics.muni.cz

15' presentation + 15' discussion

EGEE Operations and gLite Middleware (SA1 & JRA1) / 32

Handling signals in the job wrapper

Corresponding Author: francesco.giacomini@cern.ch

15' presentation + 15' discussion

KnowARC: Early results of the KnowARC Project / 33

Session opening

Prof. OULD-SAADA, Farid

KnowARC: Early results of the KnowARC Project / 34

The new web-service oriented Hosting Environment Daemon (HED)

Mr. SZALAI, Ferenc

This session will try to show the new HED, its language bindings and sample services (AREX).

KnowARC: Early results of the KnowARC Project / 35

Grid run-time environment solutions in KnowARC

KnowARC: Early results of the KnowARC Project / 36

The ARC -> gLite, gLite -> ARC interoperation

Mr. SOETRUPP, Christian; Dr. STEFAN, Peter

Corresponding Author: stefan@niif.hu

Interoperability results in KnowARC

KnowARC: Early results of the KnowARC Project / 37

break

KnowARC: Early results of the KnowARC Project / 38

Standards and interoperations - the KnowARC approach

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KnowARC: Early results of the KnowARC Project / 39

ARC - KnowARC discussion

KnowARC: Early results of the KnowARC Project / 40

break

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Top-level Grid Services Monitoring Visualization

Dr. BÖHM, Max [1]; Dr. KUBLI, Rolf [2]

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Using hardware tokens to improve grid security

KEIJSER, Jan Just [1]

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Demo session / 43

Service Availability Monitor for the LHC experiments

Dr. MAGINI, Nicolo [1]; Dr. MENDEZ, Patricia [1]; Dr. MICCIO, Vincenzo [1]; Dr. LANCIOTTI, Elisa [1]; Dr. SANTINELLI, Roberto [1]; Dr. SCIABA', Andrea [1]; Dr. DI GIROLAMO, Alessandro [1]; Dr. CAMPANA, Simone [1]

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Demo session / 44

The Stellar Spectra Modeling as an example of data- and compute-intensive application running on the BalticGrid Project testbed

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Mathcell.Ru: Integrated Mathematical Model of Living Cell in GRID infrastructure

Prof. LAKHNO, Victor [1]; Dr. NAZIPOVA, Nafisa [1]; Mr. FILIPPOV, Sergey [1]; Mr. ZAITSEV, Aleksandr [1]; Dr. FIALKO, Nadezhda [1]; Mrs. TYULBASHEVA, Gayane [1]; Dr. TEPLUKHIN, Alexander [1]; Dr. USTININ, Dmitriy [1]; Dr. USTININ, Mikhail [1]

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EGEE and Business

Business Track / 47

NESSI is about transforming the EU economy through Service Oriented business models

Businesses concentrate on activities where they can gain a competitive advantage. The main focus of NESSI is that of service. All definitions of service are based on the same principle: a service consumer does not own the service and therefore does not need to be concerned with all the aspects generally associated with ownership such as infrastructure, technology, integration and maintenance. What count are the business needs that are waiting to be met by the appropriate service.

Technology must be an enabler of service rather than an inhibitor. Enlargement of the European Union and the changing nature of trade with the rest of the world puts a strong emphasis on a multicultural approach to business. Furthermore, the tangible and intangible assets resulting from EU-funded R projects must reach the industry and be used by them.

NESSI can connect eInfrastructures with industrial users. Companies can contribute to the sustainability of eInfrastructures in different ways and use them in order to improve performance, to gain efficiency, effectiveness and competitive advantage.

eInfrastructures could be part of the ecosystem that NESSI is determined to create. The resulting self-sustained network could operate in a cost-effective way producing even profit and following a kaizen approach without the umbrella of the European Commission.

Business Track / 48

An update on HP's Tycoon at CERN: integration with EGEE

Tycoon is a market-based system for trade of resources. Our idea is to integrate it with EGEE, obtaining a dynamic Grid ready to share resources with others (Universities, research centres, etc.). Tycoon will run as a new service, deploying and destroying virtual machines (Worker Nodes and Computing Elements) on demand.

Tycoon will give to EGEE a dynamic, flexible, secure and transparent platform/service to trade resources more efficiently. It could attract small and medium VOs to the EGEE project, they could take advantage of the Grid resources and obtain extra computing power while EGEE could obtain credits/money for its service.
One of our problems will be to keep intact the security of the whole system (EGEE platform). Tycoon will deploy Worker Nodes and Computing Elements on-the-fly, reconfiguring the Grid adding nodes on demand using virtual machines. This dynamic part of the Grid must not be a security leak nor modify security constraints.

Business Track / 49

Opportunities for Technology Transfer in Grid Computing

The rapid development of virtualisation and distributed computing technologies, including grids, means that the paradigm shift towards utility computing could happen sooner rather than later. Scientific Grids such as WLCG could contribute to this process. gLite middleware is a good example: developed to work with geographically distributed heterogeneous resources which often belong to different owners it fits perfectly with the requirements of future inter-enterprise Grids. The Science and Technology Facilities Council (STFC) supports several Grid commercialisation projects that showcase market opportunities for Grid technologies.

Business Track / 50

Grids in Industry: Lost in Transition?

The journey from proof-of-concepts and operational Grid research infrastructures to credible Enterprise technologies has significant technical, economical and cultural challenges. For the last 10 years IT Innovation has been working with industry and commerce to address these challenges from the early days of meta-computing experiments to the Grid and now Service-Oriented Infrastructures.

This presentation revisits the evolving vision and proposition presented by the Grid research community to industry over the last decade. The barriers for adoption of successful operational research Grids in commercial context are presented and success stories that show how these barriers can be overcome.

Business Track / 51

Implementation of an industrial-strength pharmaceutical workflow into a Grid environment

The goal of the SIMDAT Pharma application activity is to demonstrate the usefulness of Grid technology in the area of life sciences. We implement an industrial strength pharmaceutical workflow across a Grid test-bed comprised of both academic and industrial partners. Naturally, these different types of partners are operating their Grid node with different security and quality of services policies and obviously have different commercial interests.

The existing Grid prototype employs all infrastructure elements required to establish trusted relationships between academic and industrial partners. The infrastructure allows an academic service provider to accept outsourcing of high value applications or databases from a research group in order to give controlled and managed access to this application for other partners, both academic and industrial. The underlying model guarantees the preservation of intellectual property rights among the partners.

In the presentation we will concentrate on the Grid-specific developments of the current Pharma prototype and discuss the impact of Grid technology in the life science sector.

EELA: E-Infrastructure shared between Europe and Latin America / 52

Project overview

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EELA Grid infrastructure

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EELA: E-Infrastructure shared between Europe and Latin America / 54

e-Science Applications in the EELA Grid

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EELA: E-Infrastructure shared between Europe and Latin America / 55

Dissemination and training activities

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This talk will present the dissemination activities done by the EELA project highlighting its collaboration with EGEE.

Business Track / 56

Inter-Enterprise CAE Design with Secure Controlled Sharing of Data and Analysis Services

The use of CAE analysis within the design process is common place in the Aerospace industry but is very focused on using a limited set of capabilities within the boundaries of the enterprise. To enable wider access to physical modelling and to enable the aerospace industry to take advantage of more cost effective provisioning models there is a requirement to enable the exploitation of CAE analysis services that are supplied beyond the enterprise boundaries. This introduces challenges in terms of managing Intellectual Property especially as this is encapsulated in the process in which the analysis codes are applied hence a focus on workflows, data and associated embedded knowledge.

This talk will focus on what has been achieved within the Aerospace activity of SIMDAT and present some of the issues addressed with the Aerospace sector.

Business Track / 57

SIMDAT Grid-based Solutions for the Virtual Product Design Process in the Automotive Industry and Lessons Learned.

The growing competition in the automotive industry requires continuous reduction of development and innovation cycles. On the other hand the demands on quality, safety and comfort are increasing. During the past years, advances in the area of CAD (Computer Aided Design), CAE (Computer Aided Engineering) and CAT (Computer Aided Testing) technologies and processes have contributed significantly to the ability of the automotive industry to keep up with these requirements.

Today, the data resulting from the CAD-, CAE-, and CAT-processes are stored in separate databases without common interfaces. In addition, the development teams often work at distributed locations. It is due to the ongoing transition from many small manufacturers to a few large conglomerates. This transition requires the integration of previously separate teams into single virtual development teams. They need to work on common car platforms to reduce development costs. SIMDAT aims at to provide solutions for these problems.

The presentation will give an overview of industrial use cases SIMDAT project deals with in the automotive area and of solutions intended to ease the collaboration between engineering organizations and departments based on Grid Technologies employed and extended in the SIMDAT project.

Business Track / 58

EGEE & Platform Technical Collaboration: Milestones & Challenges

Yearlong working relations between EGEE consortium members and Platform Computing lead to systematic collaboration since 2005, officially manifested as an EGEE Business Associate at EGEE'06. EGEE as the worldwide leading research Grid and Platform Computing as the leading provider of commercial Grid software underwent intensive joint investigations in order to achieve best possible performance for HEP and other communities job profiles and requirements.

This presentation will highlight the joint success story from the original aim to "learn, how to better exploit LSF", to the most recent developments and future plans.

Business Track / 59

Avanade Grid achievements and EGEE collaboration benefits

Avanade solution offering includes a proprietary Grid environment, based on .NET but supporting other platforms. From the project launch, three years ago, we built various projects on the platform, including mission critical computations and heavy load financial computations. On this speech, Avanade will present a short overview of his achievements on the Grid space, business requirements to further evolve of the platform, and our vision about benefits and opportunity to leverage gLite standards in future releases and actively collaborate with EGEE.

Business Track / 60

Industrial Applications of Grids

For Philips Research an IT infrastructure geared towards the needs of researchers is an indispensable element. In recent years Philips Research has undergone a number of major changes. As a result of the focus shift at Philips, Philips Research has also changed its programme considerably. The adoption of the open innovation concept has resulted in an open organisation that enjoys strategic cooperation with companies, universities and other institutes. Facilities are shared with partners in order to improve cost-effectiveness and efficiency.

The Research ICT Department has modified its strategy so as to facilitate Research's new wishes. An example of this is the expected increase in High Performance Computing in application areas such as medical imaging, bio-informatics and simulation of physical devices. This presentation deals with the above-mentioned changes, the way we are responding to them and the need for intensive support.

Business Track / 61

NICE EnginFrame and A-WARE - An easy Way to Access GRID Resources

While Grids can dramatically innovative business models and marketplaces, for end-users the term "Grid" is frequently associated with highly complex infrastructures dissimilar to the everyday tools and technologies they are
used to. The A-WARE project tackles this problem and develops a stable, supported, commercially exploitable, high quality technology able to give easy access to Grid resources.

A-WARE technology will merge two complementary experiences, capable of easing the complexity of Grid technology and complex job management. A-WARE will enhance mature European Grid middleware technologies – through workflows – and a deliver improvements of accessibility, visibility - through Web 2.0 technology.

The A-WARE project is based on the EnginFrame Grid portal framework developed by NICE and adopted by a number of important companies worldwide. The EnginFrame Grid portal, delivers user-friendly, highly customisable access to Grid-enabled applications and infrastructures. It completes the Grid solution by increasing usability and user-friendliness, without sacrificing flexibility and control for the most advanced computing scenarios, like Oil & Gas, Automotive, Aerospace, HEP, Electronics, Telecommunications etc. EnginFrame is also the core technology of the GENIUS portal adopted by EGEE.

Technical Network Liaison Committee - Closed / 62

Operational interface status

Mr. GOUTELLE, Mathieu [1]

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This session will give an update on the ENOC and the Operational Interface that have been built between EGEE and the NRENs.

Technical Network Liaison Committee - Closed / 63

Network Service Level Agreement (SLA) Implementation

Mr. TZIOUVARAS, Chrysostomos [1]; POULI, Vasiliki; GRAMMATIKOU, Maria

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Update on the use of advanced network services by the EGEE community

Technical Network Liaison Committee - Closed / 64

Network trouble ticket standardisation for exchange

This talk will present the recent progress on the field on network Trouble ticket standardisation in order to exchange these operational data more easily.

Business Track / 65

gLite industry adoption barriers

Industrial adoption of any Grid middleware depends on its ability to satisfy the needs of many different communities, starting from technology providers through developers to the end users. For this reason the EGEE Industry Forum Steering Committee is starting a special focus group on gLite adoption. This group will focus on analysis of the technical barriers to gLite adoption in industry and provide maximum feedback to developers in order to make the gLite middleware fit industrial needs. This presentation is in part an invitation to start a discussion on these topics and lists a set of potential issues taken from previous discussions and presentations.

Business Track / 66

(no title)

BioinfoGRID: Bioinformatics Grid Application for life science / 67

BioinfoGRID Project Introduction

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GRID computing applications in genomics

BioinfoGRID: Bioinformatics Grid Application for life science / 69

Transcriptomics and Phylogenetics Applications in GRID

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Databases and Applications

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BioinfoGRID: Bioinformatics Grid Application for life science / 71

Comparative evaluation of tools providing access to different types of data resources exposed on the Grid

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BioinfoGRID: Bioinformatics Grid Application for life science / 72

Molecular Dynamics Applications - WISDOM

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BioinfoGRID summary and future prospective

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Security Policy and Vulnerability Handling / 74

Grid Security Vulnerability Group

CORNWALL, Linda Ann [1]

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Joint Security Policy Group

Dr. KELSEY, David [1]

[1] *RAL*

Technical Plenary / 76

Current Use of the EGEE Infrastructure and Evolution of NA4 into EGEE-III

Corresponding Author: efloros@grnet.gr

This presentation will summarize the current use of the EGEE production infrastructure by the EGEE user community and provide an overview of the functionalities required, both present and future, by the users' applications. The talk will include an overview of the services currently provided by NA4 to the user community and discuss how the provision and organization of those services will evolve into EGEE-III.

int.eu.grid: Support to MPI and interactivity on glite infrastructures / 77

Introduction and Session overview

Demo session / 78

Structuring Medical Images with the Grid

Dr. BLANQUER, Ignacio [1]; Prof. HERNÁNDEZ, Vicente [1]; Mr. SEGRELLES, Damian [1]

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Introduction: Grid and security

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Operational Security Coordination Team Training / 80

Grid systems installation and configuration

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Centralised logging

ARONOVICH, Eddie [1]

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Discussion / Questions

Mr. WARTEL, Romain [1]

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Operational Security Coordination Team Training / 83

Discussion / Questions

Mr. WARTEL, Romain [1]

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Protecting administrative credentials

MA, Mingchao

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Operational Security Coordination Team Training / 85

Testing and monitoring Grid systems

PROCHAZKA, Michal [1]

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Operational Security Coordination Team Training / 86

Incident response (policies and procedures)

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Discussion / Questions

Mr. WARTEL, Romain [1]

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EGEE's vision and roadmap for commercial uptake of Grids

EGEE (Enabling Grids for E-sciencE) is Europe's flagship Grid infrastructure project now in its second 2-year phase. The EGEE Grid now combines the processing power of more than 30.000 CPUs, a storage capacity of about 5 million GB on a global network established by GEANT and its extensions connecting more than 200 sites in 48 countries. This Grid is already providing an essential daily service to more than 100 applications in such areas as astrophysics, medical imaging, bioinformatics, climate studies, oil and gas exploration, pharmaceutical research, and financial forecasting. It's now the world's largest general-purpose scientific computing Grid, and is getting bigger every month.

Envisaged as an infrastructure for the support of scientific research, EGEE has attracted interest from numerous business sectors that see it as either a service that can be used as a virtual computer centre, as a means of selling their services and products to the diverse communities it supports, or as an example of how to build partner grids with their supply chains.

This talk will give an overview of the range of businesses with which it is working, explain the mechanisms it places to allow commercial organisations to get involved and suggest some directions in which it could develop on a time-scale of 2 to 5 years.

Demo session / 89

Statistical analysis of the workload and modeling of the time a job spends at different states in the EGEE environment

Mr. CHRISTODOULOPOULOS, Konstantinos [1]; Prof. VARVARIGOS, Emmanuel [1]

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Support to MPI

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How to run MPI applications

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Resources for MPI Jobs: an interoperable framework

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Interactivity and fast job allocation at the level of Resource Brokers

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Visualization on the Grid

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Using the Migrating Desktop

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Pannel: interoperability, operation and business models

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Discussion Panel: feeback from site managers

Demo session / 98

Grid based telemedecine application for Monte Carlo dosimetric studies

DIARENA, Matteo [1]; MAIGNE, Lydia [1]; NOWAK, Simon [1]; BRETON, Vincent [1]

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DILIGENT - Dynamic Digital Libraries and Virtual Research Environments on the Grid / 99

A Service-Composed Information Retrieval Engine

KAKALETRIS, George [1]

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This talk presents the gCube Search Framework that is the orchestrator of the Information Retrieval process, distributed in its nature. It consolidates query and environment information, prepares and plans retrieval execution and ultimately offers the gluing elements that bring together all the independent components into a meaningful and performant collaboration.
The gCube Search Framework supports Full Text Search, Content Based Search, Geospatial Search, Search over semi structured (XML) and structured (tabular) data; it is totally independent from underlying schemas and organisation of information; it exploits advanced Distributed Information Retrieval and Indexing facilities provided by external services; it builds in execution planning and optimization avoiding misutilization and overloading failures; and finally it handles efficiently the plurality and dynamicity of resources available on a gCube-based grid infrastructure.

EGEE and Collaborating Projects / 100

Technical Collaboration with Related Projects

Corresponding Author: erwin.laure@cern.ch

The EGEE Technical Director will give an overview of the technical aspects of EGEE that are of interest to other projects.

EGEE and Collaborating Projects / 101

Training Synergies with Collaborating Projects

Corresponding Author: sipos@sztaki.hu

The leader of the EGEE Training and Induction ctivity (NA3) will present how Collaborating Projects can work together with EGEE to enhance their training initiatives and leverage common ground.

EGEE and Collaborating Projects / 102

The EGEE Ecosystem and FP7

Corresponding Author: louridas@grnet.gr

The leader of the EGEE Policy and International Cooperation Activity (NA5) will present the current outlook of the EGEE Ecosystem in FP7.

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Panel Q & A

Corresponding Author: frederic.hemmer@cern.ch

The participants will be able to field their questions to high-level EGEE representatives (Activity Leaders or Deputy Activity Leaders) from activities such as SA1 (Grid Operations, Support and Management), SA2 (Networking Support), JRA1 (Middleware Reengineering), NA2 (Dissemination, Outreach and Communication), NA3 (Training and Induction), NA4 (Applications, Identification and Support), NA5 (Policy and International Cooperation).

DILIGENT - Dynamic Digital Libraries and Virtual Research Environments on the Grid / 104

Welcome

Dr. CASTELLI, Donatella [1]

[1] *CNR - ISTI*

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DILIGENT: Managing Virtual Research Environments on the Grid

Mr. PAGANO, Pasquale [1]

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Corresponding Author: pedro.andrade@cern.ch

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gCube overview: exploiting the grid to create and manage VREs

Dr. PAGANO, Pasquale [1]

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Corresponding Author: pasquale.pagano@isti.cnr.it

A brief overview of the gCube framework is provided. In particular, this talk presents the way it embeds and exploits gLite by offering a feature full platform for distributed hosting and management of web services; storage, retrieval, and access of raw data and information; and a framework for extending state-of-the-art indexing, selection, fusion, extraction, description, annotation, transformation, and presentation of digital information.
Finally, it presents how gCube eliminates manual deployment overheads, guarantees automatic placement of services within the infrastructure and opens opportunities for outsourcing state-of-the-art implementations.

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Identity management issues in the gCube framework

ROCCETTI, Paolo [1]

[1] *Engineering Ingegneria Informatica*

In Virtual Research Environments, the management of service identities must face with issues related to the dynamic services deployment in the infrastructure. This talk briefly presents how these issues have been solved in the gCube framework.

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Content and Storage Management in gCube

Prof. SCHULDT, Heiko [1]; Dr. PAGANO, Pasquale [2]

[1] *Universität Basel Switzerland*

[2] *CNR-ISTI*

This talk introduces the gCube Content and Storage Management that provides means for persistently storing and physically structuring any content in a Grid-enabled VRE. In addition, it presents novel approach to advanced replication in the Grid that allows for increased availability of content in a VRE.

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Process Management in gCube: Supporting Distributed Grid Applications by Service Composition

Prof. SCHULDT, Heiko [1]; FLOROS, Evangelos

[1] *Universität Basel Switzerland*

This talk presents gCube's approach to define, run, and optimize complex process-based applications n the Grid. Following the idea of programming-in-the-large, gCube first supports a powerful graphical user interface for the composition of both Grid services and jobs into processes. Second, gCube provides a fully distributed approach to process (workflow) management that avoids any single point of failure and allows to dynamically adjust to changing environments. Third, it includes support for structural process modifications to maximise parallelism during process optimization.

EGEE and Collaborating Projects / 110

Networking with Collaborating Projects

Corresponding Author: sarah.purcell@cern.ch

The Dissemination, Outreach and Communication (NA2) Activity Leader will present to the participants EGEE's networking efforts, synergies in outreach, what EGEE can do for other projects and what other projects can do for EGEE.

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The DILIGENT infrastructure: running gCube and gLite

ANDRADE, Pedro [1]

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This talk gives on overview of the DILIGENT infrastructure highlighting its different constituents. It is explained how gCube and gLite are made available to enable the creation of Virtual Research Environments. In particular it is explained the importance of the DILIGENT Hosting Node (DHN) to host the gCube services and how the gLite services are associated with the EGEE PPS infrastructure. This talk also presents the status of the DILIGENT infrastructure currently deployed for the different DILIGENT applications.

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ImpECt - Implementation of Environmental Conventions

GUIDETTI, Veronica [1]

[1] *ESA*

The goal of the ImpECt scenario is to improve accessibility, interoperability and usability of environmental data, models, tools, algorithms and instruments integrating the distributed data sources with specialized data handling services. In particular, the DILIGENT infrastructure is used as a means for supporting the preparation of projects and periodical reports on specific environmental topics of concern. This experience is reported.

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SAPIR - Search In Audio Visual Content

Dr. MORDACCHINI, Matteo [1]

[1] *CNR - ISTI*

SAPIR is an EU project aimed to extend the power of web searches beyond centralized text and metadata searches to include distributed audio-visual content.
By exploiting the DILIGENT infrastructure, a large collection of images, counting 100 millions of objects, is under processing with the aim to generate the bigger data set of image features than at any time before. The result of this data challenge is presented.

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Panel - Exploiting the Grid: approaches, experiences and possible synergies

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GridWay Interfaces for On-demand Access to EGEE

Mr. FONTÁN MUIÑOS, Javier [1]; Mr. VÁZQUEZ BLANCO, Tino [1]; Mr. VÁZQUEZ POLETTI, José Luis [1]; Mr. HERRERA SANZ, José [1]; Dr. HUEDO CUESTA, Eduardo [1]; Dr. SANTIAGO MONTERO, Rubén [1]; Prof. MARTÍN LLORENTE, Ignacio [1]

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Operational Security Coordination Team / 116

Introduction: status, progress and issues

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Security Service Challenges

SSC3: update and discussions

Operational Security Coordination Team / 118

Best practice and training

RSS feed topics, training and other dissemination activities

Operational Security Coordination Team / 119

Security Monitoring

Progress on SAM security monitoring, monitoring tools supported by the OSCT and discussion on possible gLite-based security monitoring.

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Web applications security

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Technical session (CLOSED)

TRANSITS Technical module

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AOB

AOB and next meeting

Demo session / 123

Productive End-user System for Large-scale Drug Discovery

Mr. LEE, Hurng-Chun [1]; Ms. YAO, Pei-Ying [2]; Mr. CHEN, Yu-Hsuan [2]; Mr. CHEN, Hsin-Yen [2]; Mr. LEE, Chon-Chen [3]; Mr. HO, Li-Yung [2]; Dr. WU, Ying-Ta [3]; Dr. LIN, Simon [2]

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RINGrid: Remote instrumentation in contemporary science / 124

User requirements for interactive controlling and monitoring of applications in grid environments

Corresponding Author: isabel.campos@cern.ch

RINGrid: Remote instrumentation in contemporary science / 125

RINGrid: Evaluation of Remote Instrumentation Infrastructures

Corresponding Author: mpolak@gup.jku.at

RINGrid: Remote instrumentation in contemporary science / 126

Workflow management in remote instrumentation systems - e-VLBI experiences

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On the evaluation of platforms for remote instrumentation on the Grid

Corresponding Author: ckotso@grnet.gr

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Discussion

Closing Plenary / 129

Presentation of the next EGEE event: EGEE User Forum 11-14 Feb 2008

Closing Plenary / 130

Wrap up and closure of the conference

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Demo session / 131

Astronomy and Astrophysics applications on EGEE from Paris, Grenoble, Lyon and Strasbourg Observatories

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EELA: E-Infrastructure shared between Europe and Latin America / 132

BELIEF - The Project & the Digital Library

Demo session / 133

MOTEUR manager for workflow-based data-intensive applications

Dr. MONTAGNAT, Johan [1]; Dr. LINGRAND, Diane [2]; Mr. GLATARD, Tristan [3]

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Demo session / 134

A Framework for Providing Hard Delay Guarantees in the EGEE

Mr. KOKKINOS, Panagiotis [1]; Mr. KOUMANTAROS, Kostas [2]; Prof. VARVARIGOS, Emmanouel [3]

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Demo session / 135

The ENEA gateway approach to provide EGEE/gLite access to unsupported platforms and operating systems

Dr. BRACCO, Giovanni [1]; Dr. MIGLIORI, Silvio [1]; Dr. SCIO', Carlo [2]; Dr. SANTORO, Andrea [1]; Dr. QUINTILIANI, Andrea [1]; Dr. ROCCHI, Alessio [3]

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Demo session / 136

Grid-DB Management in gLite based production Grids with the GRelC Data Access Service

Dr. FIORE, Sandro [1]; Prof. ALOISIO, Giovanni [1]; Prof. BARBERA, Roberto [2]; Mr. VADACCA, Salvatore [1]; Mr. NEGRO, Alessandro [1]; Dr. CAFARO, Massimo [1]; Dr. MIRTO, Maria [1]; Mr. GIORGIO, Emidio [2]

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Demo session / 137

Bridging gLite with the Volunteer Computing middleware "XtremWEb-CH"

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Demo session / 138

What is the CIC portal for, how can I use it and why is it useful ?

Ms. CORDIER, Helene [1]; Mr. MATHIEU, Gilles [1]; Mr. L'ORPHELIN, Cyril [1]; Mr. AIDEL, Osman [1]

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Demo session / 139

AWare - An easy Way to Access GRID REsources

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Demo session / 140

BalticGrid Special Interest Groups

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Demo session / 141

Genetic Algorithm for Solving Chess Endgames in Grid Environments

Mr. GÓMEZ-IGLESIAS, Antonio [1]; Dr. VEGA-RODRÍGUEZ, Miguel A. [2]; Mr. RUBIO DEL SOLAR, Manuel [1]; Mr. CÁRDENAS MONTES, Miguel [1]; Dr. SÁNCHEZ-PÉREZ, Juan M. [2]; Dr. GÓMEZ-PULIDO, Juan A. [2]

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ETICS/EGEE: Quality assurance workshop / 142

Introduction to QA Workshop

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ETICS/EGEE: Quality assurance workshop / 143

Introduction to ITIL - Best Practices for IT Service Management

ITIL has become the de facto standard for IT Service Management. The ITIL Framework defines Roles, Processes, Key Performance Indicators and outlines Critical Success Factors. These definitions helps every kind of IT organisation WHAT has to be implemented for IT service management in order to achieve better customer orientation, customer satisfaction and measurable service quality. In this talk one will be informed about the basics of the IT Infrastructure Library - which is since Version 3 now called - ITIL, Best Practices for IT Service Management.

ETICS/EGEE: Quality assurance workshop / 144

The ITIL pilot project and further investigations at FZK

To implement IT service management processes and the therefore necessary organisational structures, is a bigger project that has to be carefully evaluated. This talk will present the essential steps during the ITIL pilot project in the FZK. The main attention lies here on the service support processes, which are assisting directly the IT personnel in the process of IT service production and provisioning to the customers.

ETICS/EGEE: Quality assurance workshop / 145

EGEE ITIL Group first works - ITIL evaluation for ENOC

The presentation will describe a first study conduced within the EGEE ITIL group to evaluate the way to reach consistency between the work of the ENOC and the ITIL way of work.
ENOC is the EGEE Network Operation Center, part of EGEE SA2 (Network activity).
The presentation will raise which issues for the ENOC to reach ITIL?

ETICS/EGEE: Quality assurance workshop / 146

ETICS Quality Assurance Certification Model

ETICS/EGEE: Quality assurance workshop / 147

ETICS Service overview

ETICS/EGEE: Quality assurance workshop / 148

Panel discussion

Demo session / 149

Interactive Air Pollution Simulation

Mr. SIMO, Branislav [1]

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Demo session / 150

Earth Science requirements tracing using test suites

Mr. SOM DE CERFF, Wim [1]; Dr. PETITDIDIER, Monique [2]; Mr. SCHWICHTENBERG, Horst [3]; Mr. TRAN, Viet [4]

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Demo session / 151

Promoting e Science at Minority Serving Institutions (MSI)-CyberInfrastructure (CI)

KUSLIKIS, Al [1]; RAMIREZ, Alex [2]; ALO', Dr. Richard Antonio [3]; BARNES, Karl [4]; BAXTER, Diane [5]; FOX, Geoffrey [6]

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Demo session / 152

LiveWN: CPU scavenging in the grid era

Mr. KOURETIS, Giannis [1]; Mr. GEORGATOS, Fotis [1]

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Demo session / 153

Enabling Distributed Processing of Bioinformatics Data in Hellas Grid Environment

Prof. MAGLOGIANNIS, Ilias [1]; Dr. CHATZIOANNOU, Aris [2]; Prof. SOLDATOS, Ioannis [3]; Mr. KANARIS, Ioannis [1]; Mr. MYLONAKIS, Vassilis [1]

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Demo session / 154

An Agent Based Framework for Complex Systems Simulations on the Grid

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Demo session / 155

Searching a solution for Mlalign2D / Mlrefine3D on the Grid

Mr. CARRERA, Germán [1]; Dr. CARAZO, Jose-María [1]; Dr. VALVERDE, Jose R. [1]; Mr. SOLANO, Alfredo [1]

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Demo session / 156

New results on a comparative evaluation of software providing access to different relational databases exposed on the Grid

Dr. DONVITO, Giacinto [1]; Prof. MAGGI, Giorgio [2]; JAIN, Atul [2]; BARBERA, Roberto [3]; CAROTA, Luciana [4]; GHISELLI, Antonia [4]; LA ROCCA, Giuseppe [4]; MAZZUCATO, Mirco [4]; PIERRO, Antonio [4]; VERLATO, Marco [4]; FIORE, Sandro [5]; ALOISIO, Giovanni [5]; TAFFONI, Giuliano [6]; CAFARO, Massimo [5]; VADACCA, Salvatore [5]; NEGRO, Alessandro [5]; DEL FREO, Federico [7]; VUERLI, Claudio [6]; BARISANI, Andrea [6]; PASIAN, Fabio [6]; MANNA, F. [6]; GISEL, Andreas [8]; GIORGIO, Emidio [4]; AIFTIMIEI, Cristina [4]

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EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 157

Introduction: Why the needs for IPv6

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EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 158

IPv6 programming: The example of the BDII

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EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 159

IPv6 support in ETICS

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EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 160

IPv6 in EGEE related projects: EUChinaGrid

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EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 161

IPv6 in other Grid projects: NAREGI (tbc)

Demo session / 162

A service oriented infrastructure to integrate earthsystem databases into the grid

Dr. RONNEBERGER, Kerstin [1]; Dr. KINDERMANN, Stephan [1]

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Demo session / 163

Earth Science Application overview in EGEE infrasctructure

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Demo session / 164

Job management and control in Earth Science

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Demo session / 165

Integrating Windows Compute Cluster Server 2003 in GRID Environment

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Demo session / 166

Grid-enabled approach to design and execution of virtual experiments through workflows

Dr. TORTEROLO, Livia [1]; Dr. FATO, Marco [1]; Dr. PORRO, Ivan [1]; Dr. CORRADI, Luca [1]

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Demo session / 167

Cosmological applications in the GRID environment: detection of compact sources and non-gaussian signatures in data from the ESA Planck satellite mission

Dr. LOPEZ-CANIEGO, Marcos [1]; Prof. MARTINEZ-GONZALEZ, Enrique [1]; Dr. VIELVA, Patricio [1]; Dr. HERRANZ, Diego [1]; Dr. BARREIRO, Rita Belen [1]

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Demo session / 168

On low energy nuclear activities in EGEE

Mr. ROMAN, Faustin Laurentiu [1]

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Demo session / 169

The CMS Data Transfer System: scaling up to a reliable LHC scenario

Dr. FLIX, José [1]; Dr. TUURA, Lassi [2]; Dr. TRUNOV, Artem [3]; Mr. GOGLOV, Pavel [3]; Dr. EGELAND, Ricky [4]; Dr. BOCKELMAN, Brian [5]; Dr. BONACORSI, Daniele [6]; Dr. METSON, Simon [7]; Dr. REHN, Jens [3]; Dr. FEICHTINGER, Derek [8]; Dr. WILDISH, Tony [3]

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Demo session / 170

Grid-enabling a Problem Solving Environment: Implementation and Everyday Use

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Demo session / 171

Deploying Job Provenance: First Application Experience

Mr. KRENEK, Ales [1]; FILIPOVIC, Jiri [1]; KMUNICEK, Jan [1]; SUSTR, Zdenek [1]; MULAC, Milos [1]; DVORAK, Frantisek [1]; SITERA, Jiri [1]; SALVET, Zdenek [1]; RUDA, Miroslav [1]; MATYSKA, Ludek [1]

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Demo session / 172

File Transfer Service and CMS data transfer optimizations at PIC Tier-1 center

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Demo session / 173

Portals for Earth Science applications

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Demo session / 174

The Health-e-Child Gateway and Case Reasoner, a Concrete Implementation and Use Case of a gLite-based Healthgrid for European Paediatrics

Mr. MANSET, David [1]; Dr. HUBER, Martin [2]

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Demo session / 175

Using Grid for Micro-Architecture Research

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Demo session / 176

Experience in testing the gLite workload management system and the CREAM computing element

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Demo session / 177

New Developments in the gLite AMGA Metadata Catalogue

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Demo session / 178

Ganga -- or how I lost the fear of running my app on the grid

Dr. MAIER, Andrew [1]; Ms. MENDEZ, Patricia [1]; Mr. MOSCICKI, Jakub [1]; Mr. MURARU, Adrian [1]; Mr. LEE, Hurng-Chun [2]; Mr. LECHNER, Anton [3]

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Demo session / 179

Genome Wide Association Studies of human complex diseases with EGEE

MUNTEANU, Alexandru [1]; GERMAIN-RENAUD, Cécile [2]; CAMBIEN, François [1]; TREGOUET, David [1]

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Demo session / 180

Implementation of Geospatial services on Grid platform for Civil Protection applications

Dr. VERLATO, Marco [1]; Dr. MAZZETTI, Paolo [2]; Dr. NATIVI, Stefano [2]; Dr. ANGELINI, Valerio [2]

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Demo session / 181

Large scale Bioinformatics portal on EGEE Grid : the GPSA example

Dr. BLANCHET, Christophe [1]; Mr. MICHON, Alexis [1]; Dr. COMBET, Christophe [1]; Prof. DELÉAGE, Gilbert [1]

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Demo session / 182

Development of Neuraminidase Inhibitor by grid-enabled virtual screening

Dr. KIM, Doman [1]; Dr. WU, Ying-Ta [2]

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Plenary / 183

Ilona Vass, Vice-President of National Office for Reserach and Technology

What the Network can do for the Grid / 184

GÉANT2 services for users

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The basic outline is: PERT (support team for e2e investigations on perf. issues) perfSONAR/MDM (e2e perf. monitoring) point to point services (dedicated links) Premium IP/AMPS (network resource reservations).

What the Network can do for the Grid / 185

[CANCELLED] Usage of premium network services: the GridCC example

GRAMMATIKOU, Maria

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What the Network can do for the Grid / 186

What the ENOC can do for you

Mr. CESSIEUX, Guillaume [1]

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Presentation of the services provided by the ENOC to the Grid community

Application Track (Grid Observatory) / 187

The Grid Observatory: goals and challenges

Prof. GERMAIN-RENAUD, Cecile [1]

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Application Track (Grid Observatory) / 188

Endogenous versus exogenous dynamics and scaling laws in YouTube, Open Source Softwares and Cyber-risks

Prof. SORNETTE, Didier [1]

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Grid Observatory / 189

L and Job Provenance services: What do we know about Grid job

Mr. KRENEK, Ales [1]

[1] *MASARYK UNIVERSITY, BRNO, CZECH REPUBLIC*

This talk will present some details on the internal design of two major tools that are relevant for the Grid Observatory purpose.

Grid Observatory / 190

Summary of requirements and contributions

Prof. GERMAIN-RENAUD, Cecile [1]

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Grid Observatory / 191

Requirements and contributions roundtable

Business Track / 192

(no title)

Business Track / 193

(no title)

Business Track / 194

(no title)

Business Track / 195

(no title)

Business Track / 196

(no title)

Business Track / 197

(no title)

Business Track / 198

Interactive Media & e-Infrastructures: building a successful future

Network evolution, parallel computing, emerging technologies and distributed computational power are keys to understand the future of interactive media applications. While physical formats will fade away and network will stand stronger, online services will need innovative technology and business models to replace existing mechanisms. Study in those fields and active projects' research work are tremendous opportunities for Europe to get ready for next years' competition.

Business Track / 199

(no title)

Application Track (Grid Observatory) / 200

Analyzing the Grid using the Grid - case study and possible applications

Business Track / 201

The COMETA consortium and its activities for Grid adoption by Industry in the context of the PI2S2 Project

The presentation will outline the activities of the Consorzio COMETA to foster the adoption of grid technologies by Industry. Special care will be devoted to the porting of the gLite middleware to Windows platforms carried out in collaboration with Microsoft."

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 202

Ab initio photodynamics calculations on the Grid: approaches and applications

Prof. LISCHKA, Hans [1]

[1] *University of Vienna*

Medical imaging / 203

Introduction

Dr. MONTAGNAT, Johan [1]

[1] *CNRS*

Medical imaging / 204

A Grid Implementation of SPM Analysis for Early Diagnosis of Alzheimer's Disease

Dr. TORTEROLO, Livia [1]; Dr. PORRO, Ivan; Dr. SCHENONE, Andrea

[1] *Bio-Lab, DIST, University of Genoa*

Medical imaging / 205

Virtual reservations for Short Deadline Jobs

Mr. TEXIER, Romain [1]

[1] *CNRS*

Medical imaging / 206

Structuring Medical Images with the Grid

Dr. BLANQUER, Ignacio [1]

[1] *UPV*

Medical imaging / 207

Workflow-based medical image analysis algorithm assessment

Dr. MONTAGNAT, Johan [1]; Mr. GLATARD, Tristan; Dr. LINGRAND, Diane

[1] *CNRS*

Medical imaging / 208

Grid-enabling ThIS (radiotherapy) and CAVIAR (cardiovascular) applications

Dr. BENOIT-CATTIN, Hugues

Business Track / 209

European Commission views and instruments on Grid industry uptake

Business Track / 210

Changing intentions - Opportunities for gLite in finance and related industries

gLite has been exceedingly successful as an enabling infrastructure, and has been a massive success in bringing together scientific and technical communities to provide the compute to address previously incomputable problems. Not so in the finance industry.

In its current form gLite would be a business disabler!! There are other middleware tools that solve the finance communities compute problems much better. Things have moved on, gLite had a purpose on first inception – to harness as much compute as possible - and there are moves afoot in the open source community to evolve the technology to address other, more sophisticated needs such as utility and interactive computing. Excelian is well placed as a provider of Grid consultancy services for the Finance community and through its relationship to the EGEE to identify and help exploit opportunities as the research and business worlds converge.

Because of the strong third party presence in the finance industry, such opportunities are far and few between, but they are there, especially as we expand sideways into related verticals such as the smaller hedge funds and energy companies. This talk will give an overview of the barriers to adoption in the finance industry and highlight some of the opportunities offered in this and related industries as the ideas around Grid mature.

Business Track / 211

Interactive Panel Discussion – Conclusions, Wrap-up and Recommendations

Grid Observatory / 212

Usage Patterns

Demo session / 213

VGRID: Virtual Machine Life Cycle Management Portal

Mr. KHALID, Omer [1]

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Business Track / 214

Best practices in Grid infrastructure testing - Bringing industry-class reliability and quality of service

As Grid installations worldwide enter production phase, they become an attractive target for industry looking to either replicate the technology internally, or outsource their processing and data operations externally. Reliability in Grids is not a trivial issue. On one hand we face a degree of uncertainty due to distribution, while on the other, applications and users require certain quality of service.

GridwiseTech works with customers building scalable infrastructure internally or using external Grid resources. Our recent research concerns state-of-the-art practices in testing scalable and distributed resource management infrastructures.

Application Track (Workflow) / 215

Workflow Tools on the EGEE Grid infrastructure. Overview and Perspective.

Workflows have become a daily tool for applications on the Grid. In essence every non trivial application requires the composition and orchestration of data and functionality to produce useful scientific results. This talk will give an overview of the tools and technologies that currently utilize the EGEE Grid and gLite, in order to define, run and monitor workflows. The talk will outline the current status, potential problems, missing functionality and the road ahead, setting the landscape for the discussion that will follow.

Application Track (Workflow) / 216

The Taverna Workflow Workbench and Tool Suite.

The OMII-UK myGrid project (http://www.mygrid.org.uk) has developed the popular Taverna workflow workbench, used for a wide range of data-centric Life Science problems and increasing within other domains such as astronomy and music. Taverna was designed to suit the work-a-day bioinformatician in a normal (not especially well-resourced) research laboratory, in order to ease and automate the routine burden of plumbing together the myriad of data resources and analytical tools publicly available and privately developed. It has been widely adopted by over 200 projects and labs, with many thousands of everyday users, and stands at nearly 40,000 downloads (1,500 per month).

The Taverna Workflow Workbench is an open-source workflow tool which provides a data-centric workflow language (Scufl) and graphical interface to: facilitate the building of workflows over distributed services hosted on remote and local machines; run these workflows on their own data; and visualise the results. Workflows can be enacted as part of the workbench or from third party applications. The enactor and the workbench have been designed with a range of extensibility points to make them open. A suite of plug-ins and components provide: service ingest and management; the cataloguing and discovery of services and workflows using semantic descriptions; and the recording of the provenance of the data outcomes and the execution log of the workflow runs. Recent work has focused on better support for third party applications, including a Web browser workflow client that enables Taverna workflows to be launched from a web browser, and the publishing of workflows as Google gadgets.

Complementing Taverna, and capitalising on the increasing numbers of workflows and users, the myExperiment initiative
(http://myexperiment.org) is creating a social networking environment and workflow bazaar for workflow workers. This recognizes that workflows are scientific assets in their own right, to be exchanged, traded and reused.
The talk will introduce the Taverna Workbench and its associated suite of components, its current status and plans, some success stories and some possible exploitation plans and points of collaboration for EGEE.
In particular, the Taverna enactor is currently undergoing a major revision that will retain all the functionality of the current Taverna, but with better scalability, data streaming, data management, grid services integration and security management.

Application Track (Workflow) / 217

Discussion

The preceding session talks are expected to bring forward important issues and topics for analysis and discussion. Research teams that currently develop workflow tools for Grids and application teams that use them will have an opportunity for an open discussion regarding the current status but also with an eye to future advanced issues like knowledge-based workflow execution and cross-team collaborative workflow technologies.

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 218

About handling on the Grid quantum molecular knowledge related to molecular simulators

Prof. LAGANÀ, Antonio [1]

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GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 219

Activities of the COST D37 Computational Chemistry Workflow Group

Dr. STEINKE, Thomas [1]

[1] *Zuse Institute Berlin*

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 220

The CompChem Virtual Organization

Dr. GERVASI, Osvaldo [1]

[1] *University of Perugia, Dept of Mathematics and Computer Science*

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 221

A proposal for a data format to help program interchange in the Quantum Chemistry domain

Dr. ROSSI, Elda [1]

[1] *CINECA*

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 222

Chemistry visualization tools in an integrated discovery cycle

Dr. VALLE, Mario [1]

[1] *CSCS*

SA3 Partner Review (Closed) / 223

PSNC

Review of Posznan's SA3 activities

SA3 Partner Review (Closed) / 224

GRNET

Review of GRNET's SA3 activity

SA3 Partner Review (Closed) / 225

INFN

OMII-Europe/EGEE: What can we do for each other? / 226

Introduction

Corresponding Author: erwin.laure@cern.ch

OMII-Europe/EGEE: What can we do for each other? / 227

OMII-Europe - Overview and interoperable components

OMII-Europe/EGEE: What can we do for each other? / 228

EGEE roadmap and requirements

OMII-Europe/EGEE: What can we do for each other? / 229

Discussion

Application Track (Uniform Grid Access) / 230

User view and requirements: example of Bioinformatics applications

Application Track (Uniform Grid Access) / 231

GridSphere Portal : an High-level User Interface to Grid

Application Track (Uniform Grid Access) / 232

The GridWay approach for job Submission and Management on Grids

Application Track (Uniform Grid Access) / 233

Discussion

234

(no title)

Dr. SILVERSTEIN, Jonathan [1]

[1] *University of Chicago*

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 235

HealthGrid activities in the United States

Dr. SILVERSTEIN, Jonathan [1]

[1] *University of Chicago*

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 236

Scientific results of WISDOM first data challenges on malaria and avian flu

Prof. KIM, Doman [1]

[1] *Chonnam National University*

The talk will present the results of the in vitro tests performed on the best compounds selected in silico during the first data challenges on malaria and avian flu

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 237

Health-e-Child

Dr. HAUER, Tamas [1]

[1] *University of the West of England*

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 238

CoreGRID

Dr. COMITO, Carmela [1]

[1] *University of Calabria*

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 239

Grid enabled epidemiology

Dr. BLANQUER, Ignacio [1]

[1] *UPV*

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 240

SHARE: a roadmap for healthgrids

Health-e-Child/SHARE/HealthGrid: Applications for Health, from Data Acquisition to its Integration and Use in Grids / 241

Round table

MANSET, David [1]; Dr. BLANQUER, Ignacio [2]; Dr. BENKNER, Siegfried [3]; Dr. MILANESI, Luciano [4]

[1] *University of the West of England*

[2] *UPV*

[3] *University of Vienna*

[4] *National Research Council - Institute of Biomedical Technologies*

The round table will focus on 3 major topics (10' each) and then if extra time, questions from the audience will be taken by the panelists.

Topic1: Identifying ways forward in Europe for the convergence toward a community healthgrid platform and infrastructure
Topic2: Security and privacy in healthgrids, Common practices in
European projects. Emergence of a healthgrid European regulation
Topic3: Medical data integration and exploitation in grids.
European Technologies and their Integration in the gLite Grid Middleware

ACGT: the GRID to fight cancer / 242

Post-genomic Clinical Trials: Needs and Requirements (including legal issues)

ACGT: the GRID to fight cancer / 243

ACGT Scenarios: Indicative post-genomic scenarios

ACGT: the GRID to fight cancer / 244

The ACGT architecture and its key services

ACGT: the GRID to fight cancer / 245

The ACGT Data Integration Architecture

ACGT: the GRID to fight cancer / 246

The ACGT Security Architecture

ACGT: the GRID to fight cancer / 247

The ACGT Knowledge discovery services

ACGT: the GRID to fight cancer / 248

Joining ACGT: Measures for the implementation of the open access policies of ACGT

CE Federation meeting (Closed) / 249

NA3

SIPOS, Gergely [1]

[1] *Mr.*

MTA SZTAKI (Gergely Sipos)

CE Federation meeting (Closed) / 250

NA4

KMUNICEK, Jan [1]

[1] *CESNET*

CESNET

CE Federation meeting (Closed) / 251

NA2

Each partner

CE Federation meeting (Closed) / 252

SA1

SZEPIENIEC, Tomas [1]

[1] *CYFRONET*

CYFRONET

CE Federation meeting (Closed) / 253

SA3

MEYER, Norbert [1]

[1] *PSNC*

PSNC

CE Federation meeting (Closed) / 254

JRA1

KRENEK, Ales [1]; Mr. KRENEK, Ales [2]

[1] *CESNET*

[2] *MASARYK UNIVERSITY, BRNO, CZECH REPUBLIC*

CESNET

CE Federation meeting (Closed) / 255

CE JRUs

Dr. POLAK, Martin [1]

[1] *GUP*

Current situation, status in EGEE III, perspectives (NGIs)

CE Federation meeting (Closed) / 256

Info from PMB

MATYSKA, Ludek [1]

[1] *CESNET*

Information related to the current EGEE II project.
Experiences from the preparation of the EGEE III

CE Federation meeting (Closed) / 257

AOB

General discussion

CE Federation meeting (Closed) / 258

Welcome

MATYSKA, Ludek [1]

[1] *CESNET*

Business Track / 259

The Health-e-Child Project

Health-e-Child (pronounced healthy child) is an attempt to respond to the increasingly pressing demand to fully integrate and exploit heterogeneous biomedical information for improved clinical practice, medical research, and personalized healthcare. As an integrated project of the Sixth Framework Programme of the European Commission, the project brings together three major paediatric centres with several European companies, university groups and research centres specialized in information-based medical technology.

Pre-Production Service: All Sites Meeting / 260

Introduction and Agenda

RETICO, Antonio [1]; THACKRAY, Nicholas [1]
[1] *CERN*

Quick overview of PPS activity and infrastructure. Presentation of the agenda

Pre-Production Service: All Sites Meeting / 261

Operations

THACKRAY, Nicholas [1]; RETICO, Antonio [1]
[1] *CERN*

Business Track / 262

BEinGRID - Business Experiments in Grid

Middleware Security Group (MWSG) / 263

OSG Security

COWLES, Robert [1]
[1] *OSG*

OSG security update

Astronomy and Astrophysics cluster meeting / 264

Current status of the A cluster

Dr. VUERLI, Claudio [1]; VUERLI, Claudio [2]
[1] *INAF-OA Trieste*
[2] *INAF*

Middleware Security Group (MWSG) / 265

AuthZ mechanisms in gLite

Dr. WITZIG, Christopher [1]
[1] *ETH*

Middleware Security Group (MWSG) / 266

AuthZ mechanisms in gLite

Astronomy and Astrophysics cluster meeting / 267

French projects and current status

Middleware Security Group (MWSG) / 268

VOMS Migration to SSL: Roadmap and Issues

Mr. CIASCHINI, Vincenzo [1]

[1] *INFN*

Motivation: TCG required us to remove all globus dependencies from VOMS. Especially for the APIs, this require some coordination among JRA1 developers, so some things needs to be discussed.

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Interoperations/Interoperability

THACKRAY, Nicholas [1]; RETICO, Antonio [1]

[1] *CERN*

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Interoperations/Interoperability

RETICO, Antonio [1]; THACKRAY, Nicholas [1]; Mr. UNTERKIRCHER, Andreas [1]

[1] *CERN*

Pre-Production Service: All Sites Meeting / 271

PPS Users

THACKRAY, Nicholas [1]; RETICO, Antonio [1]

[1] *CERN*

Pre-Production Service: All Sites Meeting / 272

Meeting sum-up (decisions + input for SA1 session)

Middleware Security Group (MWSG) / 273

The SAML-XACML protocol in EGEE & OSG Authorization and resource enforcement tools

Mr. KOEROO, Oscar [1]

[1] *NIKHEF*

This presentation will explain and discuss the work done to get the SAML-XACML protocol usable in OSG and EGEE authorization and resource enforcement tools for better inter-operation between our commonly used tools.

It will explain the big picture on which problems we'd like to solve and how the existing tools will be used on a site architecturally. The involved tools are the commonly used grid tools like the gatekeeper, gridftpd, glexec, gjaf, dCache when deployed with lcas & lcmaps and/or prima/gplazma & gums on both EGEE and OSG sites.

Middleware Security Group (MWSG) / 274

Security concerns from GridPP and GSVG

CORNWALL, Linda Ann [1]

[1] *RAL*

To briefly describe the most common security concerns from the GridPP meeting discussions and from the GSVG.

Middleware Security Group (MWSG) / 275

Pseudonymity-related work in EGEE-II

Mr. MIKKONEN, Henri [1]

[1] *HIP/EGEE*

A need for anonymous access to grid resources has been identified. It prevents the resource owners and other external parties from tracing the users and their actions. The talk gives an overview and status of the related work in the EGEE-II project.

Middleware Security Group (MWSG) / 276

Proxy Restrictions for the WN

Mr. DEBRECZENI, Gergely [1]

[1] *CERN, EGEE*

There have been demonstrations on how to steal a proxy from the WN and there is an ongoing work to add policies as restrictions. What we would like to be discussed is the status of this work.

Middleware Security Group (MWSG) / 277

gLExec -- gluing grid computing jobs to the Unix world

Mr. GROEP, David [1]

[1] *NIKHEF*

What is the purpose for gLExec and how and what does it do. What is the relation of gLExec with regard to pilot jobs and what can gLExec do for you on the WN or CE for both users and site administrators.

Middleware Security Group (MWSG) / 278

Authorization interoperability

Mr. GARZOGLIO, Gabriel [1]

[1] *FNAL*

Astronomy and Astrophysics cluster meeting / 279

Support of Astrophysical applications in Slovakia

Astronomy and Astrophysics cluster meeting / 280

Activities in progress ad IFCA and examples of applications

Astronomy and Astrophysics cluster meeting / 281

Italian Projects and current Status

Astronomy and Astrophysics cluster meeting / 282

A cluster in EGEE: Future developments and perspectives

This is a general discussion about the AA cluster in EGEE and future perspectives concerning the participation of the astronomical community to EGEE. All people who attend the session are invited to contribute.

Business Track / 283

Distributed Computing with MATLAB in Grids

MATLAB is a popular programming environment with over 1,000,000 users worldwide, primarily scientists and engineers engaged in technical computing. In 2004, The MathWorks introduced a product for distributed and parallel computing that enables MATLAB users to take advantage of high-performance environments to solve computationally or data intensive problems.

Engineers and scientists can now develop parallel applications independently of the resources that are available for execution; they can prototype applications on their desktops and then scale to a computer cluster without any code changes. This presentation will discuss the additional technical and licensing challenges that are being resolved so that scientist can take advantage of the grid for their collaborative research activities.

Business Track / 284

Sun Technology advances in HPC

Business Track / 285

Applying Grid Technology on Business Support Systems - A paradigm in the Telecom sector

Business Track / 286

The WISDOM Project

Business Track / 287

A Grid-based Collaborative Environment for new Space Systems design

Nowadays, space activities are characterised by increased constraints in terms of cost and schedule combined often with a higher and higher technical and programmatic complexity.

To answer this challenge, the European Space Agency has set up the Concurrent Design Facility starting in 1998. This has widely demonstrated the advantages of applying the Concurrent Engineering approach to the assessment and conceptual design of future space missions and has raised an enormous interest among the European partners (academia, scientific communities, industry, other agencies) in the space sector.

At the same time, starting from mid 90's, a remarkable increase in computing power has been achieved by designing and prototyping technologies, most notably the Grid, to support distributing tasks and data on distributed computing centres linked with high-speed networks. Grid technology can, therefore, provide the means for secure connectivity of design environments as well as integrate multiple heterogeneous systems into a powerful virtual "single" system.

Within this framework, the European Space Agency, at beginning of 2006, awarded a project called Grid-based Distributed Concurrent Design (GDCD) to study how to allow geographically distributed facilities to interact each other in real-time over wide area networks adopting the Grid technology for the purpose of space projects, to make the structure deployment reliable, cheap and compatible with Concurrent Facilities.

SEE-GRID-2: Regional Grid projects concertation workshop / 288

EELA Applications

Dr. MAYO, RAFAEL [1]

[1] *CIEMAT*

SEE-GRID-2: Regional Grid projects concertation workshop / 289

EUMEDGRID Applications

Dr. ANDRONICO, Giuseppe [1]

[1] *INFN SEZIONE DI CATANIA*

SEE-GRID-2: Regional Grid projects concertation workshop / 290

SEEGRID Applications

Ms. ZENGIN, Asli [1]

[1] *TUBITAK ULAKBIM*

SEE-GRID-2: Regional Grid projects concertation workshop / 291

BalticGrid Applications

Dr. JUOZAPAVICIUS, Algimantas [1]

[1] *associate professor*

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EUCHINAGRID Applications

VERLATO, Marco [1]

[1] *Dipartimento di Fisica Galileo Galilei*

SEE-GRID-2: Regional Grid projects concertation workshop / 293

EUINDIAGRID Applications

VERLATO, Marco [1]

[1] *Dipartimento di Fisica Galileo Galilei*

SEE-GRID-2: Regional Grid projects concertation workshop / 294

EUCHINAGRID Applications

ROC Managers Meeting / 295

DSA1.6

Corresponding Author: ian.bird@cern.ch

SEE-GRID-2: Regional Grid projects concertation workshop / 296

Applications Panel

BARBERA, Roberto [1]

[1] *UNIV. CATANIA AND INFN*

EGEE Grid Operations (SA1) - Site Monitoring and Visualization / 297

Using Nagios for Grid Service Monitoring

Corresponding Author: emir.imamagic@cern.ch

EGEE Grid Operations (SA1) - Site Monitoring and Visualization / 298

Experience at NIKHEF deploying Nagios for monitoring grid services

Corresponding Author: ronalds@nikhef.nl

EGEE Grid Operations (SA1) - Site Monitoring and Visualization / 299

Report on status of Open Science Grid monitoring

Corresponding Author: rquick@iupui.edu

ROC Managers Meeting / 300

Review of GGUS tickets

How are we doing with clearing all tickets in the GGUS Ticket Escalation report? Click on "more information" to see the latest reports.

ROC Managers Meeting / 301

Cleaning up the LCGAdmin role for dteam

The people who will retain the LCGAdmin role are:

CERN
* Maarten Litmaath
* Andreas Unterkirche

Italy
* Mirco Ciriello
* Simone Dalla Fina
* alessandro paolini

ROC Managers Meeting / 302

Status of new features in CIC Portal

YAIM Configuration Tool:
Update from Gilles: The tool is fully integrated to the CIC portal since the release of version 4.5, i.e. on August, 22nd. The Yaim Tool database back-end is integrated to the CICDB schema, thus ensuring data coherency about all officially registered VOs. Managers of such VOs don't need to go to the tool to update their data: all that is needed is taken from the VO ID card. These 2 points solve the main issue of having 2 entry points to update this info. The web interface for the tool is now also hosted at IN2P3, and available as follows: As a page of the RC section in the portal: https://cic.gridops.org/index.php?section=rc=yaim As a page of the VO section in the portal: https://cic.gridops.org/index.php?section=vo=yaim As a standalone version: https://cic.gridops.org/yaimtool/yaimtool.py YAIM configurator code is, in CIC portal code structure, an independent module. Development and maintenance is assured by Dimitar, which has access to this module in our cvs repository.
Failover procedures have not been established yet. For that, we need to check python configuration on the replica instance of the portal at CNAF, test the application there, and validate the process in the same way we did with SAM Admin's Page.

Tool for announcing scheduled downtimes Update from Osman: The schedule downtime process is composed of 6 steps: Step 1 : Integration of BDII data in the CIC db: This part determines the impacted VO by a downtime 100% done Step 2 : Notification from GOC portal to the CIC portal 90% done Step 3 : The implementation of a Supervisor componant was implemented: this allows the management of the whole process Step 4 : The downtime broadcasting by email - 90% done Step 5 : The downtime broadcasting by RSS Feed is OK - 100% done Step 6 : The subscription form has not implemented yet but we are working on it: this form will enable to any user to be notified by email or RSS Feed according to his need. In summary, I think I will need 2 weeks (after the EGEE conference) to finish and test the whole process

ROC Managers Meeting / 303

Use of benchmarking tool for SpecInt2000

Extract from the minutes of the WLCG MB, 5 June (https://twiki.cern.ch/twiki/pub/LCG/MbMeetingsMinutes/LCG_Management_Board_2007_06_05.htm):

***Decision of the WLCG Management Board**: The MB agreed that, until the HEPiX benchmarks are defined, the proposal distributed by L.Robertson is accepted.*

This proposal is contained in the note distributed to the MB "Proposal for an interim CPU capacity metric for WLCG". This uses the methodology of GridKA (i.e. run one copy of the SPEC CPU2000 code per core), uses the compiler flags as specified by the Architects Forum (-O2 -pthread -fPIC), with a scaling factor of 1.5 (reflecting the lower level of compiler optimization compared with the current GridKA benchmark test).*

A HOWTO section with benchmark script and configuration files is available on the HEPiX pages: see http://hepix.caspur.it/processors/ .

***
(https://mmm.cern.ch/public/archive-list/w/worldwide-lcg-management-board/CPU%20capacity%20measurements%20for%20WLCG

SEE-GRID-2: Regional Grid projects concertation workshop / 304

EUCHINAGRID Infrastructure

CHIERICI, Andrea

SEE-GRID-2: Regional Grid projects concertation workshop / 305

EELA Infrastructure

BARBERA, Roberto [1]

[1] *UNIV. CATANIA AND INFN*

SEE-GRID-2: Regional Grid projects concertation workshop / 306

EUMEDGRID Infrastructure

KOUMANTAROS, Konstantinos

SEE-GRID-2: Regional Grid projects concertation workshop / 307

SEEGRID Infrastructure

BALAZ, Antun [1]

[1] *Institute of Physics, Belgrade*

SEE-GRID-2: Regional Grid projects concertation workshop / 308

BalticGrid Infrastructure

KAZAKEVICIUTE, Margarita [1]

[1] *Vilnius University*

SEE-GRID-2: Regional Grid projects concertation workshop / 309

EUINDIAGRID Infrastructure

FANTINEL, Sergio

SEE-GRID-2: Regional Grid projects concertation workshop / 310

Infrastrucure Panel

EDLUND, Ake

SEE-GRID-2: Regional Grid projects concertation workshop / 311

SEEGRID NGIs

NEAGU, Gabriel

SEE-GRID-2: Regional Grid projects concertation workshop / 312

BalticGrid NGIs

Dr. JUOZAPAVICIUS, Algimantas [1]

[1] *associate professor*

SEE-GRID-2: Regional Grid projects concertation workshop / 313

EELA NGIs

MARECHAL, Bernard [1]

[1] *Instituto de Fisica*

SEE-GRID-2: Regional Grid projects concertation workshop / 314

EUMEDGRID NGIs

Dr. RUGGIERI, Federico [1]

[1] *INFN*

SEE-GRID-2: Regional Grid projects concertation workshop / 315

NGIs Panel and wrap-up

BELIC, Aleksandar

ROC Managers Meeting / 316

Abbreviations for Site-Names in GridView

Corresponding Author: antonio.retico@cern.ch

Examples of the GridView graphs with long and short site names are in the attached material.
The conversion table is here: http://gridview.cern.ch/GV/

More:
http://gvdev.cern.ch/GVVAI/
now you are in the uncharted territory, this is (one of) the development
displays used by gridview development.
So what you see there is not yet in production, but will be soon.

Click on “Job Status”.
In the left pane you’ll see two radio buttons “Use Site Abbreviation”
and “Use Full Site Names”.
So far only the “Use Site Abbreviation” works (remember that’s a development
portal), but you get the idea, roll down a bit to see the effect in the graph.

Same as above: both are available, everyone can pick and choose to his
liking.

ROC Managers Meeting / 317

Viewing contact details in Operations Tools

ROC Managers Meeting / 318

Incentives/penalties for sites under the SLD

Why will sites stick to the SLD? Considering that the SLD will be aiming to set a minimum "standard" for sites, what incentive is there for sites to do better?
One suggestion is to set up a "league table" showing the relative 'goodness' of sites.
Any other suggestions?

ROC Managers Meeting / 319

Integration of CE ROC's first line support within the COD operations

http://goc.grid.sinica.edu.tw/gocwiki/TIC_1st_line_support_integration

ROC Managers Meeting / 320

GGUS 6.0 upgrade

ROC Managers Meeting / 321

ARM and COD meetings in Lyon in February

Corresponding Author: alistair.mills@cern.ch

ROC Managers Meeting / 322

ROC Manager access to SA1 PPT sheets of their federation partners

At least to a summary page every 3 months

ROC Managers Meeting / 323

Problems with the process for the update of root certificates?

Corresponding Author: sven.hermann@iwr.fzk.de

The update of root certificates still is an issue in EGEE. The CERN (EGEE) repository http://grid-deployment.web.cern.ch/grid-deployment/lcg2CAlist.html isn't updated quick enough after announcement of the new certs on https://dist.eugridpma.info/distribution/igtf/ Then problems arise when the SAM tests check for the new certs before the official EGEE broadcast, and before the official EGEE repository is updated. IMHO a better work flow is needed here.

The wiki pages explaining the process are here:
http://goc.grid.sinica.edu.tw/gocwiki/Procedure_for_new_CA_release

ROC Managers Meeting / 324

Issues raised by ROC DECH: Request for comments from other ROCs

1) gLite deployment has to be better agreed with VO requirements before being certified (see e.g. "prd-/pool-account" discussions after rollout to production, VOs still put high pressure on sites because there's still no common, agreed solution; instead VOs and the gLite development team should communicate directly).

2) the gLite community is not organised transparently enough, e.g. there aren't links to corresponding site administration/MW configuration wikis (GOC Wiki etc.) or further practical information about usage of gLite from the official gLite web page. This concern has also been expressed by users and admins at GridKa School 2007.

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Introduction

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Data management in gLite

SEE-GRID-2: Regional Grid projects concertation workshop / 327

test

IOANNIS, Liabotis

EUChinaGRID/EGEE/ETICS: Grids and IPv6 / 328

Short report on basic IPv6 testing

Dr. REALE, Mario [1]

[1] *GARR*

Corresponding Author: mario.reale@garr.it

ROC Managers Meeting / 329

WLCG / EGI issues

Dr. SHIERS, Jamie [1]

[1] *CERN*

Further information: EGI workshop agenda (part of EGEE'07): http://www.eu-egi.org/workshop/oct07/ WLCG Service Reliability workshop: http://indico.cern.ch/conferenceDisplay.py?confId=20080

Pre-Production Service: All Sites Meeting / 330

Interoperability/Interoperations

THACKRAY, Nicholas [1]; RETICO, Antonio [1]; Mr. UNTERKIRCHER, Andreas [1]

[1] *CERN*

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Example in medical data

332

Discussion

Application Track (Data Mgt.) / 333

Accessing and Managing Databases in Grid with G-DSE

Application Track (Data Mgt.) / 334

Grid database management in gLite based production Grid with the GReIC DAS

Application Track (Data Mgt.) / 335

Discussion

EGEE Operations and gLite Middleware (SA1 & JRA1) / 336

Managing a CREAM CE

Corresponding Author: zangrando@pd.infn.it

20' + 10' discussion

EUMEDGRID: Grids and their role in sustaining development / 337

eInfrastructures in the Mediterranean: the Eumedconnect network success story

EUMEDGRID: Grids and their role in sustaining development / 338

Grids and their role towards developement

EUMEDGRID: Grids and their role in sustaining development / 339

The EUMEDGRID project (with some examples of applications)

EUMEDGRID: Grids and their role in sustaining development / 340

Can Grid Technology reverse brain drain to brain gain in Africa? (NO SHOW)

EUMEDGRID: Grids and their role in sustaining development / 341

Biological applications in GRID - the EuchinaGRID experience

EUMEDGRID: Grids and their role in sustaining development / 342

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EUMEDGRID: Grids and their role in sustaining development / 343

Panel disccussion

Business Track / 344

Aerospace research on the Grid

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Introduction

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Data Management in gLite

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Data management in gLite

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Data management in gLite

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…….

Application Track (Data Mgt.) / 350

Example in Biomedical image management

Application Track (Data Mgt.) / 351

Introduction

Application Track (Data Mgt.) / 352

Data management in gLite

EUMEDGRID: Grids and their role in sustaining development / 353

Towards grid-enabled Telemedicine in Africa

EUMEDGRID: Grids and their role in sustaining development / 354

Panel discussion

EUMEDGRID: Grids and their role in sustaining development / 355

Scientific Data Sonification and the ASTRA project for ancient instruments reconstruction within EGEE

Application Track (Data Mgt.) / 356

Discussion

Business Track / 357

EGEODE business model, based on gLite

Business Track / 358

NESSI-Grid Vision and Strategic Research Agenda

The Networked European Software and Services Initiative (NESSI) aims to create a strategic research agenda for European research in services and their foundations. NESSI-Grid forms part of that activity by defining a vision and strategic research agenda (SRA) for grid infrastructures used in business environments and in particular in NESSI scenarios.

A first version of both, vision and SRA, focusing on more short-term challenges is presented. It addresses all stakeholders in this field, in particular researchers, industry and policy makers, to get a precise understanding about envisioned scenarios, state-of-the-art, challenges, business impact and actual roadmaps and recommendations for realizing the vision. The SRA is open for contribution.

GEMS: Grid Empowered Molecular Simulators and CompChem Tools / 360

Adaptation of chemical dynamics codes to the GRID

Dr. LENDVAY, George [1]

[1] *Institute of Chemistry, Hungarian Academy of Science*

SW Federation meeting (Closed) / 361

Welcome

Dr. NEUFFER, Kai [1]

[1] *PIC*

SW Federation meeting (Closed) / 362

SWE SA1 status

Dr. NEUFFER, Kai [1]

[1] *PIC*

SW Federation meeting (Closed) / 363

SWE SA3 status

SW Federation meeting (Closed) / 364

SWE NA2 status

SW Federation meeting (Closed) / 365

SWE NA3 Status

FUENTES, Antonio

SW Federation meeting (Closed) / 366

SWE NA4 status

SW Federation meeting (Closed) / 367

SWE EGEE-III proposal

Dr. NEUFFER, Kai [1]
[1] *PIC*

SW Federation meeting (Closed) / 368

A.O.B.

PORTAL Working group / 369

Introduction and usecase: the GPSA Bioinformatics portal

PORTAL Working group / 370

Portals and Authentication

PORTAL Working group / 371

JSPG contribution

PORTAL Working group / 372

Web application security

PORTAL Working group / 373

Shibboleth and Grid Portals

PORTAL Working group / 374

Discussion

FR Federation meeting and SA1-FR meeting (Closed) / 375

ROC report

GIRARD, Pierre

Corresponding Author: pierre.girard@in2p3.fr

FR Federation meeting and SA1-FR meeting (Closed) / 376

OAG overview and state

RUMLER, Rolf

Corresponding Author: rumler@in2p3.fr

Mission, achievements, and status

FR Federation meeting and SA1-FR meeting (Closed) / 377

COD and CIC

Report on the grid operators' work (COD), status of the CIC portal work

FR Federation meeting and SA1-FR meeting (Closed) / 378

French Federation meeting

Dr. WORMSER, guy [1]

[1] *LAL Orsay*

Corresponding Author: wormser@lal.in2p3.fr

1) EGEE-III
Présentation générale (GW)
Tour de table des partenaires
2) Institut des grilles:
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[1] *INFN Catania*

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Panel session

LAURE, Erwin; RIEDEL, Morris; CHATTOPADHYAY, Subrata; VERLATO, Marco

The topics addressed will be:
- Are the Grid middlewares converging or diverging?
- Are standards really used (and useful)?
- Web services: do they have a role in the interoperability arena?
- A Grid of Grids: just like Internet?

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- Open source licences
- Future releases and features
- Support services

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CHILDS, Stephen [1]

[1] *TCD*

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