



Grid Technologies Seminar *Introduction and Practice*

November 21-22

Room 148 (New Campus)

Department of Computer Science, University of Cyprus

The Department of Computer Science of the University of Cyprus announces another event as part of its training series: "**Grid Technologies: Introduction and Practice**". The seminar will be held at the University of Cyprus on November 21-22, 2006 and is organized under the auspices of EGEE-II (www.eu-egee.org) and CyGrid (cygrid.org.cy). The seminar is intended for students, researchers, programmers and system administrators who wish to be informed about the services provided by the EGEE infrastructure and how these can be utilized in their work. The agenda includes presentations from external trainers with extensive experience in usage and administration of Grid-based systems. The hands-on sessions included will provide significant experience to the attendees.

Attendance to the seminar is free of charge but limited to a small number of attendees who need to pre-register. For more details about the event and registration information visit: <http://cygrid.org.cy/docs/GridSchedule.html>

Schedule

Tuesday 21 November (Room 148, Dept. of Computer Science, New Campus)

<i>Time</i>	<i>Title</i>	<i>Content</i>
09:30 – 11:00	Introduction to the Grid	<ul style="list-style-type: none"> - Introduction to Grid technologies http://cygrid.org.cy/docs/d1s1a.pdf - CyGrid efforts and initiatives http://cygrid.org.cy/docs/d1s1b.pdf
11:00 – 11:30	Coffee	
11:30 – 13:00	The Glite 3 middleware	<ul style="list-style-type: none"> - Introduction to GLite 3 - The GLite User Interface
13:00 – 14:00	Lunch	
14:00 – 16:00	Lifecycle of a Grid job (hands-on)	<ul style="list-style-type: none"> □ Application submission procedure http://cygrid.org.cy/docs/d1s2.pdf □ Job submission using Gilda VO http://cygrid.org.cy/docs/d1s2.pdf
16:00 – 16:30	Coffee	
16:30 – 17:30	Applications	<ul style="list-style-type: none"> □ Grid-enabled Application examples http://cygrid.org.cy/docs/d1s3a.pdf □ Scientific Areas and Existing Scientific Virtual Organizations http://cygrid.org.cy/docs/d1s3b.pdf

Wednesday 22 November (Room 148, Dept. of Computer Science, New Campus)

<i>Time</i>	<i>Title</i>	<i>Content</i>
09:00 – 11:00	User Procedures and experiences	<ul style="list-style-type: none"> - Grid Account Creation procedure and Certificates - Biomed Virtual Organisation (VO) – Wisdom deployment http://cygrid.org.cy/docs/jacq.ppt
11:00 – 11:30	Coffee	-
11:30 – 13:30	Site administration	<ul style="list-style-type: none"> - Introduction to site administration - Workload Management System deployment
13:30 – 14:30	Lunch	
14:30 – 16:00	User applications	<ul style="list-style-type: none"> - Condor UI installation - User Applications Execution / Porting
16:00 – 16:30	Coffee	

<i>Time</i>	<i>Title</i>	<i>Content</i>
16:30 – 17:30	Closing discussion	<ul style="list-style-type: none"> - Discussion with Expert Grid Administrators - Discussion of various subjects proposed by the trainees

External Trainer Biographies

Fotis Georgatos (*GRNET*)

Fotis studied Computer Engineering and Informatics in University of Patras and then Mathematics and Science Education at the University of Amsterdam. He has served as Systems/Network Administrator in multiple organizations, including RIPE NCC, Greenpeace, Upstream Systems, NTUA, GRNET and Demokritos. He currently works as Grid Technologies Trainer for EGEE project with GRNET, delivering courses across many European countries.

Antonio Fuentes Bermejo (*RedIRIS/Red.Es, Spanish Academic and Research Network*)

Antonio qualified as a Computing Engineer (University of Murcia) in 1999, and is now working towards his PhD in the Computer Architecture and Technology Department of the University Complutense of Madrid. He has previously worked as system manager in Airtel/Vodafone (a Spanish telecommunication company) and at the University of Murcia. Antonio is the coordinator of the infrastructural services of the National Academic Grid Initiative, IRISGrid and is also working in a number of grid-related European Projects. He also acts as a Grid Technologies consultant to the National Grid Organisation of Latin American Countries.

Nicolas Jacq (*CNRS*)

Nicolas is currently a PhD student for the French National Centre for Scientific Research (CNRS) and the IT society Communication & Systèmes at the Corpuscular Physics Laboratory of Clermont-Ferrand, France. In 2000, he completed his biological engineering degree and worked for 3 years on the DataGrid project at the Laboratoire de Biologie des Protistes in Clermont-Ferrand, France. In 2005 and 2006, he led the first large scale biomedical deployments on the EGEE grid infrastructure. His research activity concentrates on the development of in-silico drug discovery services in computing grid environments against neglected and emerging infectious diseases.