



3rd CoreGRID Workshop on Grid Middleware

Barcelona, June 5th- 6th, 2008

Workshop Chairs:

- Norbert Meyer, Poznań Supercomputing and Networking Center (Poland)
- Domenico Talia, University of Calabria (Italy)
- Ramin Yahyapour, University of Dortmund (Germany)

Programme Committee:

- Artur Andrzejak, ZIB, Germany
- Alvaro Arenas, CCLRC-RAL
- Angelos Bilas, FORTH
- Maciej Brzezniak, PSNC
- Marco Danelutto, University of Pisa, Italy
- Marios Dikaiakos, UCY
- Ewa Deelman, Information Sciences Institute, Marina Del Rey, USA
- Vivi Fragopoulou, Foundation for Research and Technology - Hellas, Greece
- Vladimir Getov, University of Westminster, UK
- Antonia Ghiselli, INFN Bologna, Italy
- Sergei Gorlatch, University of Muenster, Germany
- Anastasios Gounaris, UoM, UK
- Pierre Guisset, CETIC, Belgium
- Domenico Laforenza, ISTI/CNR, Italy
- Philippe Massonet, CETIC
- Salvatore Orlando, CNR-ISTI, Italy
- Thierry Priol, INRIA, France
- Yves Robert, CNRS, France
- Paolo Trunfio, UNICAL
- Rizos Sakellariou, UoM, UK
- Frederic Vivien, CNRS, France
- Paul Watson, UNCL
- Roman Wyrzykowski, Technical University of Czestochowa, Poland
- Wolfgang Ziegler, Fraunhofer-Institute for Algorithms and Scientific Computing, Germany

Programme

Thursday, June 5th, 2008

14.00 – 15.30 Session 1

A JAVA TASK EXECUTION MANAGER FOR COMMODITY GRIDS

Lazar Kirchev, Shenol Yousouf, Vasil Georgiev

PRACTICAL EVALUATION OF CUSTOM TECHNOLOGY-BASED VS COMMODITY TECHNOLOGY-BASED STORAGE ELEMENTS

Maciej Brzeźniak, Norbert Meyer, Michail Flouris and Angelos Bilas

A MODEL OF NON FUNCTIONAL PROPERTIES FOR GRID RESOURCES

David Buján-Carballal, Oscar Corcho-García, Josuka Díaz-Labrador,

GRID CHECKPOINTING SERVICE – INTEGRATION OF LOW-LEVEL CHECKPOINTING PACKAGES WITH THE GRID ENVIRONMENT

Gracjan Jankowski, Radosław Januszewski

coffee break + snack

16.00 – 17.30 Session 2

GWORKFLOWDL: A MULTI-PURPOSE LANGUAGE FOR SCIENTIFIC WORKFLOW ENACTMENT

Simone Pellegrini, Francesco Giacomini

WORKFLOW MONITORING AND ANALYSIS TOOL FOR ASKALON

Simon Ostermann, Kassian Plankensteiner, Radu Prodan, Thomas Fahringer, and Alexandru Iosup

USING THE GLITE MIDDLEWARE TO IMPLEMENT A SECURE INTENSIVE CARE GRID SYSTEM

Jesus Luna , Marios D. Dikaiakos and Harald Gjermundrod, Michail Flourisy , Manolis Marazakis and Angelos Bilas

GRID-BASED WORKFLOW MANAGEMENT FOR AUTOMATIC PERFORMANCE ANALYSIS OF MASSIVELY PARALLEL APPLICATIONS

Daniel Becker, Morris Riedel, Achim Streit, and Felix Wolf

Friday, June 6th, 2008

9.30 – 11.00 Session 3

FAULT DETECTION, PREVENTION AND RECOVERY TECHNIQUES IN CURRENT GRID WORKFLOW SYSTEMS

Kassian Plankensteiner, Radu Prodan, Thomas Fahringer, Attila Kertesz, Peter Kacsuk

TOWARDS SELF-ADAPTABLE MONITORING FRAMEWORK FOR SELF-HEALING

Javier Alonso, Jordi Torres, Rean Griffith, Luis Moura Silva

PERFORMANCE MONITORING OF GRID SUPERSCALAR: SUMMING UP

Rosa M. Badia, Raül Sirvent, Marian Bubak, Włodzimierz Funika, Piotr Machner

AUTHORIZING GRID RESOURCE ACCESS AND CONSUMPTION

Erik Elmroth, Michał Jankowski, and Norbert Meyer

coffee break

11.30 – 13.00 Session 4

ALL-IN-ONE GRAPHICAL TOOL FOR GRID MIDDLEWARE MANAGEMENT

Eddy Caron, Frederic Desprez, David Loureiro

AN EFFICIENT PROTOCOL FOR RESERVING MULTIPLE GRID RESOURCES IN ADVANCE

Jörg Schneider, Julius Gehr, Barry Linnert, and Thomas Röblitz

SCALABLE CONCURRENCY CONTROL IN A DYNAMIC MEMBERSHIP EXPERIMENTAL RESULTS

Augusto Ciuffoletti and Ali Asim

SUMMARY

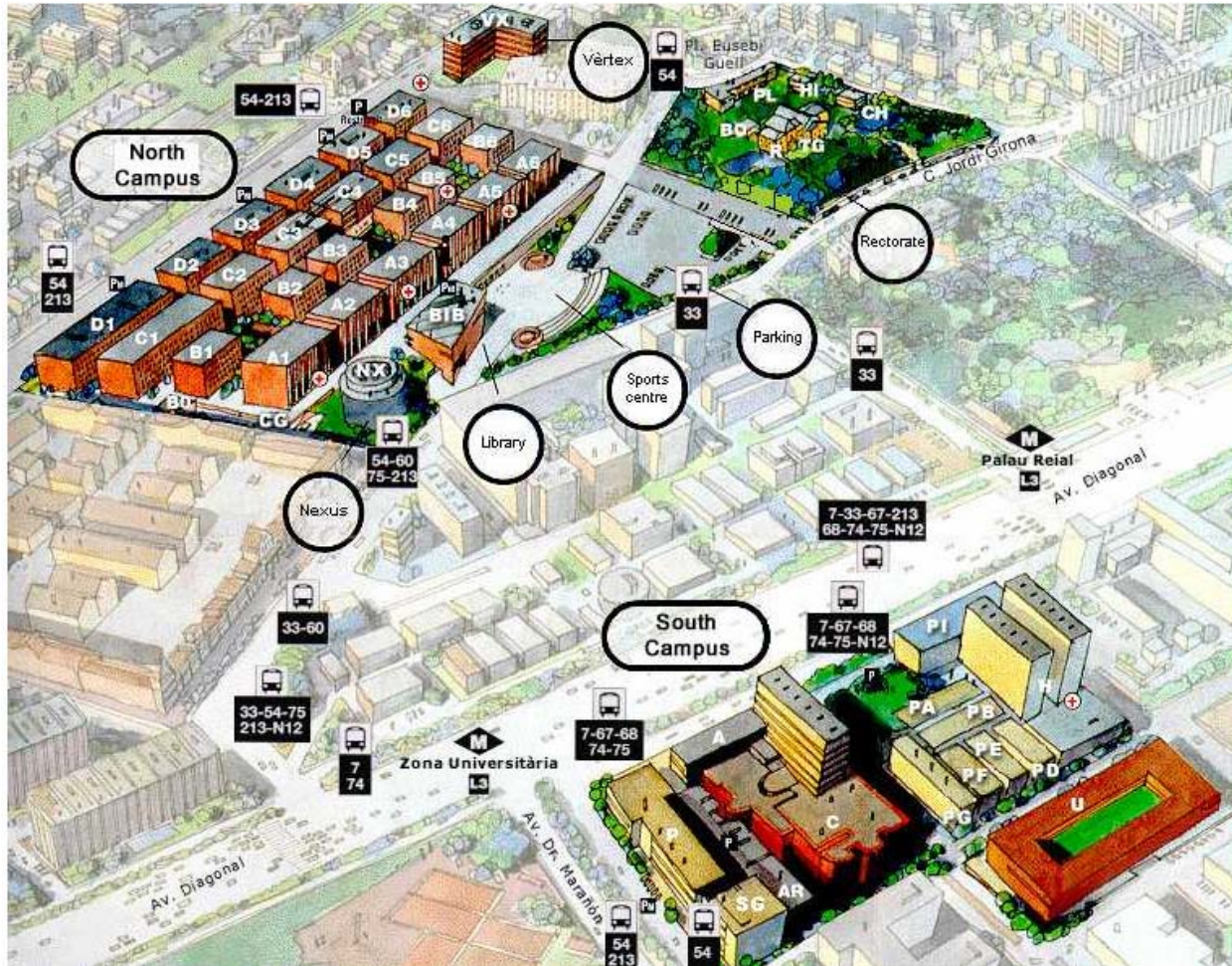
Lunch

Venue

Here you have a link to our "how to reach" the campus:

<http://www.ac.upc.edu/presentacio/how.en.html>

The workshop meeting will take place in the C6 building, room C6-E101



The OGF, is organized at Hotel Barcelo Sants. To go from Barcelo Sants to the UPC campus the best way to go is with the metro. Probably you will need around 15-20 min. In metro , you have to take the green line (L3) from "Sants Estacio" to "Palau Reial".

Here you have a link from the Local transportation that describe the itinerary (four steps). In theory there is 10 min by metro and around 5-10min by walking from Palau Reial to the meeting room.

http://www.tmb.net/vullanar/en_US/resultatcercomapa.jsp?tipusrepre=1&origenx=8428269&origeny=4581679&descripcioorigen=L3+-+SANTS+ESTACIO&destix=8426316&destiy=4582168&descripciodesti=L3+-+PALAU+REIAL&cap=1&tipustransport=1&numtransbords=2&tempscaminant=20&velocitatcaminant=1&ipushora=1&dia=14&mes=05&hora=12&minut=43&idioma=en_US&operador=TMB&poblacioorigen=1&poblaciodesti=1&retorn=1

Registration

Please register on-line by sending the registration form (attached) to coregrid_workshop@man.poznan.pl not later than May 23rd, 2008

The registration fee is 50,0 Euro paid in cash at the workshop.

Receipts will be provided after the workshop until the end of June, 2008

Registration form

First Name	
Surname	

e-mail	
Phone	

Institution	
Address	
City, ZIP-code	
Country	

Data for the receipt <i>(if other than mentioned above)</i>	
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Please send back to coregrid_workshop@man.poznan.pl until May 23rd, 2008