



# 3<sup>rd</sup> CoreGRID Workshop on Grid Middleware

Barcelona, June 5<sup>th</sup>- 6<sup>th</sup>, 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 5<sup>th</sup>, 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 6<sup>th</sup>, 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**

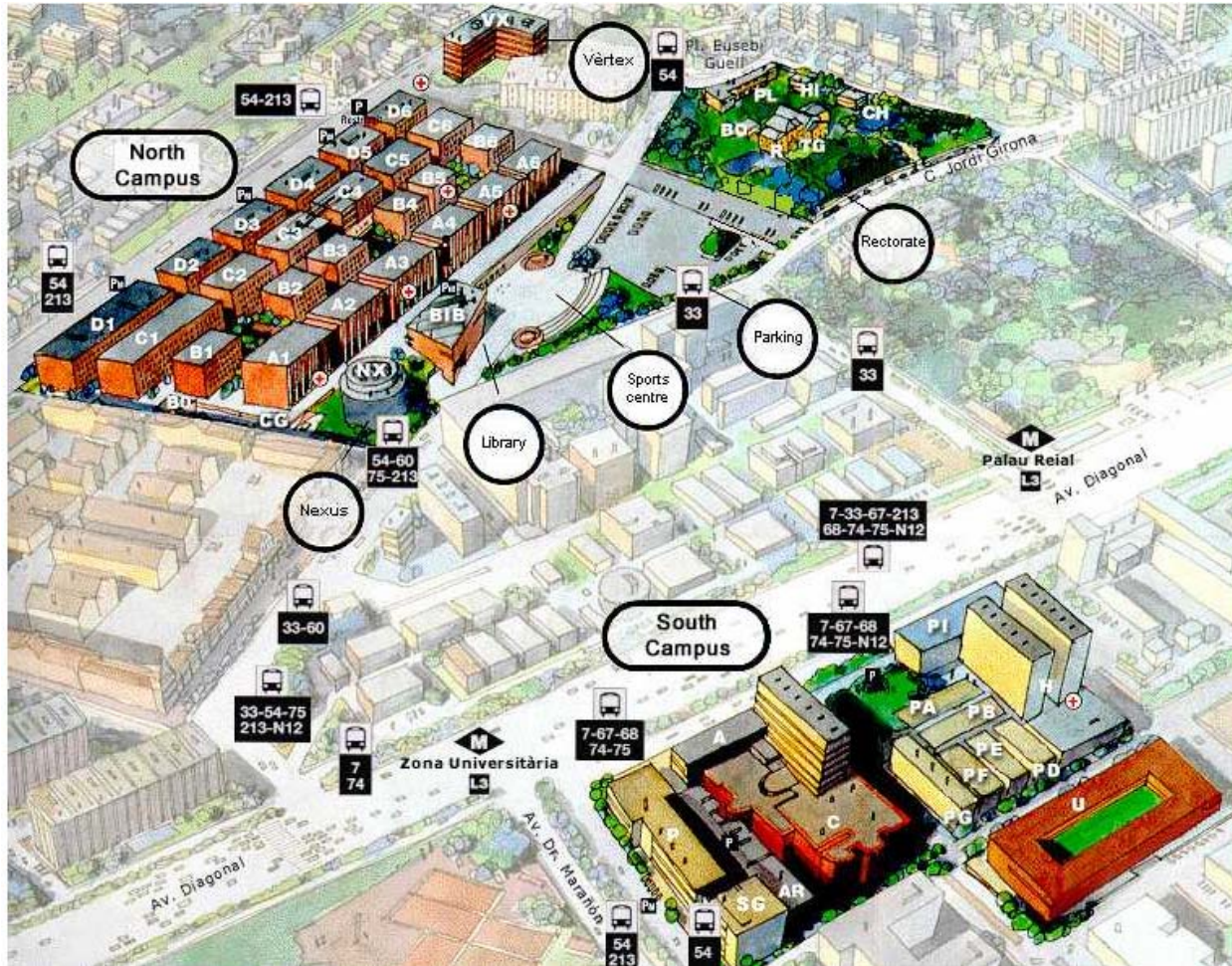
*Lunch*

## 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/resultatcercamapa.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](http://www.tmb.net/vullanar/en_US/resultatcercamapa.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](mailto:coregrid_workshop@man.poznan.pl) not later than May 23<sup>rd</sup>, 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

<b>First Name</b>	
<b>Surname</b>	

<b>e-mail</b>	
<b>Phone</b>	

<b>Institution</b>	
<b>Address</b>	
<b>City, ZIP-code</b>	
<b>Country</b>	

<b>Data for the receipt</b> <i>(if other than mentioned above)</i>	
---	--

Please send back to [coregrid\\_workshop@man.poznan.pl](mailto:coregrid_workshop@man.poznan.pl) until May 23<sup>rd</sup>, 2008