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ACHIEVEMENTS IN EUROPEAN RESEARCH  
ON GRID SYSTEMS

CoreGRID Integration Workshop 2006 (Selected Papers)

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(Selected Papers)

October 19-20, Krakow, Poland

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Achievements in European Research on Grid Systems

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# Contents

Foreword	vii
Contributing Authors	xi
Partitioning Unstructured Peer-to-Peer Systems <i>Harris Papadakis, Paraskevi Fragopoulou, Evangelos P. Markatos, Alexandros Labrinidis, Marios Dikaiakos</i>	1
Validating Desktop Grid Results by Comparing Intermediate Checkpoints <i>Filipe Araujo, Patricio Domingues, Derrick Kondo, Luis Moura Silva</i>	13
Integration of the eNANOS Execution Framework with GRMS <i>Ivan Rodero, Francesc Guim, Julita Corbalan, Jesus Labarta, Ariel Oleksiak, Krzysztof Kurowski, Jarek Nabrzyski</i>	25
User-Transparent Scheduling for HOCs <i>Cătălin L. Dumitrescu, Jan Dünnweber, Sergei Gorlatch, Dick H.J. Epema</i>	41
Problem Solving Environment for Distributed Interactive Applications <i>Katarzyna Rycerz, Marian Bubak, Peter Sloot, Vladimir Getov</i>	55
Fault-Tolerant Data Sharing for High-level Grid Programming <i>Marco Aldinucci, Marco Danelutto, Gabriel Antoniu, Mathieu Jan</i>	67
PAL: Exploiting Java Annotations for Parallelism <i>Marco Danelutto, Marcelo Pasin, Marco Vanneschi, Patrizio Dazzi, Domenico Laforenza, Luigi Presti</i>	83
A New Approach on Network Resources Management in Grids <i>Ranieri Baraglia, Domenico Laforenza, Renato Ferrini, Stefano Giordano, Nicola Tonello, Davide Adami, Ramin Yahyapour</i>	97
Componentising a Scientific Application for the Grid <i>Nikos Parlavantzas, Vladimir Getov, Matthieu Morel, Fabrice Huet, Francoise Baude, Denis Caromel</i>	109
A Peer-to-Peer Framework for Resource Discovery in Large-Scale Grids <i>Domenico Talia, Paolo Trunfio, Jingdi Zeng, Mikael Höggqvist</i>	123

GRID Superscalar and GriCoL: Integrating Different Programming Approaches	139
<i>Raül Sirvent, Rosa M. Badia, Natalia Currle-Linde, Michael Resch</i>	
Deriving Policies from Grid Security Requirements Model	151
<i>Syed Naqvi, Alvaro E. Arenas, Philippe Massonet</i>	
Domain-Specific Metadata	165
<i>Jeyarajan Thiyagalingam, Vladimir Getov, Sofia Panagiotidi, Olav Beckmann, John Darlington</i>	
A Service for Reliable Execution of Grid Applications	179
<i>Elżbieta Krępska, Thilo Kielmann, Raül Sirvent, Rosa M. Badia</i>	
Performance monitoring of GRID superscalar with OCM-G/G-PM	193
<i>Rosa M. Badia, Raül Sirvent, Marian Bubak, Piotr Machner, Włodzimierz Funika</i>	
Improving Workflow Execution	207
<i>Philipp Wieder, Oliver Wäldrich, Wolfgang Ziegler, Ramin Yahyapour</i>	
Dependability Evaluation of the OGSA-DAI Middleware	223
<i>William Hoarau, Sébastien Tixeuil, Nuno Rodrigues, Décio Sousa, Luis Silva</i>	
Author Index	237

# Foreword

This volume is a selection of best papers presented at the CoreGRID Integration Workshop 2006 (CGIW'2006), which took place on 19–20 October 2006 in Krakow, Poland.

The workshop was organised by the Network of Excellence CoreGRID funded by the European Commission under the sixth Framework Programme IST-2003-2.3.2.8 starting September 1st, 2004 for a duration of four years. CoreGRID aims at strengthening and advancing scientific and technological excellence of Europe in the area of Grid and Peer-to-Peer technologies. To achieve this objective, the network brings together a critical mass of well-established researchers from forty institutions who have constructed an ambitious joint programme of activities.

The goal of the workshop is to promote the integration of the CoreGRID network and of the European research community in the area of Grid and P2P technologies, in order to overcome the current fragmentation and duplication of efforts in this area.

The list of topics of Grid research covered at the workshop included but was not limited to:

- knowledge and data management;
- programming models;
- system architecture;
- Grid information, resource and workflow monitoring services;
- resource management and scheduling;
- systems, tools and environments;
- trust and security issues on the Grid.

Priority at the workshop was given to work conducted in collaboration between partners from different research institutions and to promising research proposals that can foster such collaboration in the future.

The workshop was open to the members of the CoreGRID network and also to the parties interested in cooperating with the network and/or, possibly joining the network in the future.

The Programme Committee who made the selection of papers included:

Sergei Gorlatch, University of Muenster, Chair  
Marian Bubak, ICS and ACC CYFRONET AGH  
Artur Andrzejak, ZIB  
Marco Danelutto, University of Pisa  
Vladimir Getov, University of Westminster  
Pierre Guisset, CETIC  
Domenico Laforenza, ISTI-CNR  
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Wolfgang Ziegler, Fraunhofer-Institute SCAI

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Mikael Höggqvist  
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Pawel Wolniewicz  
Ramin Yahyapour  
Wolfgang Ziegler

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Muenster and Krakow, May 2007

Sergei Gorlatch and Marian Bubak (workshop organizers)  
Thierry Priol (Scientific Coordinator of CoreGRID)



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