

## **IGI FUS Publications and conferences participation**

### **EGI QUARTERLY REPORTS**

QR10

QR11

QR12

### **ISGC2012**

Abridging Scientific Communities with the IGI General Purpose Portal

Presentation only.

### **EGI Community Forum 2012**

High Performance Grid Computing: getting HPC and HTC all together

A Grid execution model for Computational Chemistry Applications using the GC3Pie framework and AppPot

In Proceedings of EGI CF12 : <http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=162> - ISSN: 1824-8039

### **Grid Dissemination Event at Mario Negri Institute**

Dissemination Event at Mario Negri Institute

### **Grid Dissemination Event and Training at INGV**

Grid Dissemination Event and Training at INGV

### **Grid Dissemination Event and Training at European Master Theoretical Chemistry and Computational Modelling**

European Master Theoretical Chemistry and Computational Modelling

### **Grid Dissemination Event and Training at 1st Training Workshop: Grid Computing & e-Science**

1st Training Workshop: Grid Computing & e-Science: Infrastructures and Services for Research Communities, Technical University, topic: Introduction to grid computing and COMPCHEM , Sofia, Bulgaria, 4th September 2012

### **ICCSA2012**

Efficient Workload Distribution Bridging HTC and HPC in Scientific Computing

Manuali et al., Efficient Workload Distribution Bridging HTC and HPC in Scientific Computing, Computational Science and Its Applications - ICCSA 2012 Lecture Notes in Computer Science Volume 7333, 2012, pp 345-357

The MPI Structure of Chimere

Laganà A., Crocchianti S., Tentella G., Costantini A., The MPI Structure of Chimere, Lecture Notes in Computer Science, 2012, Volume 7333/2012, 417-431, DOI: 10.1007/978-3-642-31125-3\_32

A Grid Execution Model for Computational Chemistry Applications Using the GC3Pie Framework and the AppPot VM Environment

Alessandro Costantini, Riccardo Murri, Sergio Maffioletti, Antonio Laganà: A Grid Execution Model for Computational Chemistry Applications Using the GC3Pie Framework and the AppPot VM Environment. Lecture Notes in Computer Science, 2012, Volume 7333/2012, 401-416, DOI: 10.1007/978-3-642-31125-3\_31

#### **EGI Technical Forum 2012**

Running OpenFOAM in parallel on the grid: CFD in the study of cardiovascular disease

EGI delves into the sea depths: the collaboration with EMSO begins

TopHat on the Grid: an automatic workflow for sequence alignment exploiting EGI/IGI grid infrastructure

A Grid execution model for the ANSYS engineering simulation software

G-NEMO: a Grid empowered version of the state-of-the-art European modelling framework for oceanographic research

A General Purpose Grid Portal for simplified access to Distributed Computing Infrastructures

#### **WS GARR**

IGI training e user support: esperienze di collaborazione e porting di applicazioni su Grid

#### **PDP2013**

R. Alfieri, S. Arezzini, G. B. Barone, U. Becciani, M. Bencivenni, V. Boccia, D. Bottalico, L. Carracciuolo, D. Cesini, A. Ciampa, A. Costantini, S. Cozzini, R. De Pietri, M. Drudi, A. Ghiselli, E. Mazzoni, S. Ottani, A. Venturini, P. Veronesi, "The HPC Testbed of the Italian Grid Infrastructure," , 2013 21st Euromicro International Conference on Parallel, Distributed, and Network-Based Processing, 2013 , pp. 241-248 , ISBN: 978-1-4673-5321-2, DOI Bookmark: <http://doi.ieeecomputersociety.org/10.1109/PDP.2013.42>

#### **ISGC2013**

Porting workflows based on small and medium parallelism applications to the Italian Grid Infrastructure (to appear in PoS)

#### **EGI Community Forum 2013**

New developments in the Italian Grid Infrastructure services offered via web for the ANSYS engineering suite

Costantini A., Bencivenni M., Michelotto D., Cesini D., Giorgio E., Gaido L., Monetti A., Manzolaro M., Andrighetto A.: New developments in the Italian Grid Infrastructure services offered via web for the ANSYS engineering suite, Proceedings of EGI Community Forum 2013 (2013) ISBN 978 90 816927 2 4

Cesini D., Giorgio E., Donvito, G., Costantini A., Boccia, V., La Rocca, G., Bencivenni M.: Support to Next Generation Sequencing applications in the Italian Grid Infrastructure, Proceedings of EGI Community Forum 2013 (2013) ISBN 978 90 816927 2 4

CMMST in XSEDE-EGI Collaboration

**ICCSA 2013**

alex- Costantini A., Michelotto D., Bencivenni M., Cesini D., Veronesi P., Giorgio E., Gaido L., Lagan`a A., Monetti A., Manzolaro M., Andrighetto A.: Implementation of the ANSYS Commercial Suite on the EGI Grid Platform. Lecture Notes in Computer Science, 2013, Volume 7971/2013, 84-95, DOI: to be assigned

**EGI Technical Forum 2013**

**PDP 2014**

E. Ronchieri, D. Cesini, D. D'Agostino, V. Ciaschini, G. Dalla Torre, P. Cozzi, D. Salomoni, A. Clematis, L. Milanesi, I. Merelli; The WNoDeS cloud virtualization framework: a macromolecular surface analysis application case study ; In proceeding of: 22nd Euromicro International Conference on Parallel, Distributed and network-based Processing (PDP), At Turin, Italy, 02/2014; DOI:10.1109/PDP.2014.54

-- DanieleCesini - 2012-11-15

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