Hierarchical resource management in grid computing

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Publications

Journal publications


2. V.V. Korkhov, J.T. Moscicki, V.V. Krzhizhanovskaya. Dynamic Workload Balancing of Parallel Applications with User-Level Scheduling on the Grid. Future Generation Computer Systems, Vol 25(1) 2009, pp. 28-34.


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2. V.V. Krzhizhanovskaya and V.V. Korkhov. Dynamic Load Balancing of Black-Box Applications with a Resource Selection Mechanism on Heterogeneous Resources of the Grid. Proceedings of Conference on Parallel Computing Technologies (PaCT’07), Lecture Notes in Computer Science, Vol 4671, pp. 245-260 (2007), September 3-7, 2007, Pereslavl-Zalessky, Russia


4. V.V. Krzhizhanovskaya, V.V. Korkhov, A. Tirado-Ramos, D.J. Groen, I.V. Shoshmina, I.A. Valuev, I.V. Morozov, N.V. Malyshkin, Y.E. Gorbachev, P.M.A. Sloot. Computational Engineering on the Grid: Crafting a Distributed Virtual Reactor. Second IEEE International Conference on e-Science and Grid Computing (e-Science’06), Amsterdam, the Netherlands, December 4-6, 2006, pp.101. IEEE CS Press.

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3. V.V. Krzhizhanovskaya, V.V. Korkhov, P.M.A. Sloot. Virtual Reactor: a distributed computing environment for simulation of plasma chemical processes on heterogeneous resources of the Grid. All-Russian conference ”Scientific services on the Internet: Parallel Programming Technologies”. Novorossiysk, Russia, 18-23 September 2006.


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